2023

QOSINA BIOPROCESS CATALOG

# QOSINA

## Thousands of Stock Components

## Bioprocess




# 2023

Now with over 1,500
single-use components

Visit qosina.com to request samples, download regulatory and technical documentation and place low minimum orders

Learn More:
Qosina.com

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Bioprocess

Dear Valued Customers:

I am pleased to introduce the first edition of the Qosina bioprocess component catalog!

We recently expanded our bioprocess initiative and decided to create a dedicated catalog with a curated, comprehensive portfolio of high-quality components that meet the technical and commercial needs of single-use system (SUS) manufacturers.

Our new single-use bioprocess catalog includes more than 1200 in-stock components and is a complete resource guide for bioprocess SUS integrators. We are working to expand the product categories with some exciting new products in 2023, along with extensions to the existing product categories we have today.

For more than 40 years, Qosina has been a trusted source of the supply chain, delivering a high service level to our customers and demonstrating business continuity through efficient supply chain management, demand planning, forecasting and inventories.

We enable SUS integrators to focus on core competencies to bring innovation, speed and agility to your customers without sacrificing assurance of quality supply. We do this by leveraging our strengths to deliver business continuity, consistent quality and change control to the supply of SUS components. We further support SUS integrators by allowing you to outsource your warehousing and vendor management. We will break down manufacturers' box sizes and deliver only the quantities you need based on your defined projects. We also provide technical, quality and regulatory documentation, which can be easily downloaded directly from our website, enabling you to support your customers at the highest level in the industry.




BPSA℠
Bio-Process Systems Alliance
*Advancing Single-Use Worldwide*

**Member since 2011**

A MEMBER OF BioPhorum

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While the past three years have brought about significant challenges in global supply chain operations across all industries, Qosina put several measures in place to mitigate the impact to our customers and reduce the risk of component shortages. With a diverse and extensive product portfolio, Qosina can offer you multiple options of equivalent products to meet your requirements. With such a large quantity of in-stock, single-use bioprocess components in our inventory, we can specify pre-defined alternative components in the event an existing component becomes available.

Since changes are inevitable, Qosina has an established change notification process and built-in SOPs for change control. We notify and manage changes with an understanding of our customers who work in regulated industries, including traceable and segregated inventories and last-time buy options.

We have a brand-new, state-of-the-art cleanroom, which demonstrates our commitment to you and the integral role we play in the supply chain for medical device and bioprocess system manufacturing. By increasing our cleanroom packing and bill of material kitting capacity, we can continue to expand our role as a supply chain outsource partner. You can purchase only what you need, when you need it, from a single supplier that is ISO 13485 (medical device manufacturing), ISO 9001 (quality system), ISO 14001 (environmental management) and ISO 22301 (business continuity) certified. This reduces your need to invest in inventory, working capital commitments, purchasing, warehousing and kitting activities.

We've also recently launched our Irradiate to Order service, which offers our customers a convenient way to purchase pre-irradiated, single-use bioprocess components. You can select from more than 1,200 components for single-use bioprocess applications, and easily purchase small quantities of individually packaged components, irradiated at greater than 25 kilogray.

Be sure to visit our Bioprocess Resource Center on qosina.com for updates on new products, supply chain and regulatory issues and other topics related to the design, development and manufacture of single-use systems.

While Qosina continues to change and grow, one factor remains constant: we are committed to providing you with exceptional customer service and thousands of stock components with backup documentation and quality controls to support finished products in the highly regulated industries we serve.

We appreciate the opportunity to work with you and are grateful you've chosen Qosina as your source for bioprocess components.

Sincerely,

Scott Herskovitz
President and CEO
sjh@qosina.com



# Irradiate to Order Service

## for single-use bioprocess components



**Select** your products from our broad selection

Qosina will **Supply** from over 1,500 in-stock components

**Irradiated** at greater than 25 kilogray

As part of our on-going commitment to the bioprocess industry, Qosina now offers customers a convenient way to purchase pre-irradiated single-use bioprocess components. Components are individually packaged and irradiated at greater than 25 kilogray.

Qosina offers a broad selection of more than 1,500 stock components, tubing and bag chambers for bioprocess applications. Virtually any component from our extensive product portfolio can be supplied individually packaged and irradiated to order.

**Quick turnaround time**

**Low minimum order quantities**

Our Irradiate to Order service is backed by the same world-class customer support you're accustomed to receiving from Qosina.

**Contact Qosina today to get started!**
qosina.com/irradiate-to-order



**Scan the QR code to watch our video and learn more!**

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## TABLE OF CONTENTS


Adhesives 156-159
Bags 68-73
Tube Ports 69
Barbed 70-73
Bag Ports 64-67
Bag Port Flanges 65-66
Boat Ports 67
Twist-Off Bag Ports 67
Clamps, Clips & Cable Ties 82-103
Tubing Clamps 83-90
Bag Clamps 91-92
Tubing Management 93-95
Securing Clamps 96-101
Sanitary Flange Clamps 102-103
Connectors 8-63
Tube-to-Tube Connectors 10-28
Tubing Plugs 29
Luers 30-33
Single-Use Senors 34
Aseptic Connectors 35-45
Steam-Thru Connectors 46-49
Sterile Disconnects 50-52
Quick Disconnect Couplings 53-61
Filters 142-145
Hydrophobic 143
Transducer Protectors 144
Hydrophilic 145
Injection Sites & Sampling Ports 116-119
Needleless Injection Sites 117-118
Sampling Ports 119
Sanitary Flanges, Caps & Gaskets 74-81
Sanitary Flanges 75-79
End Caps 80
Gaskets 81
Sterilization Supplies 150-155
Self-Sealing Pouches 151
Heat-Sealable Sterilization Tubing 151
Sterilization Sheets 151
Heat-Sealable Pouches 152-154
Sterilization Indicators 155
Stopcocks & Manifolds 128-135
1-Way 129
2-Way 129-130
3-Way 130-131
4-Way 131-132
Manifolds 132-134
Sample Assortment Kit 135
Swabs 160-165
Syringes 120-127
Male Luer Lock 121-126
Male Luer Slip 127
Tools 146-149
Removers 147
Pre-Set Clamp Installation Tool 147
Clipster® Aseptic Disconnectors 148
Oetiker® Tools 149
Transport Tubes 166
Tubing 104-115
Silicone, Class VI 105-109
Braided Silicone, Class VI 110
TPE, Class VI 111-114
Braided TPE, Class VI 114
DEHP-Free PVC, Class VI 115
Valves 136-141
Check Valves 137-141
Luer-Activated Valves 141
ISO Certification Information 6
Irradiate to Order Service 4
Terms & Conditions 170-176
Privacy Policy 171-174
Inventory Management 168-169
Index 178-190
Trade Shows 192
Material Abbreviations 193
Recommended Sterilization Methods 194
Measurement Conversions 195



# ISO Certifications

Qosina is dedicated to exceptional quality assurance.

Please visit qosina.com to view or download our latest certificates.

**ISO 13485**
REGULATORY QUALITY MANAGEMENT SYSTEM

**ISO 14001**
ENVIRONMENTAL MANAGEMENT SYSTEM

**ISO 22301**
BUSINESS CONTINUITY MANAGEMENT SYSTEM

**ISO 9001**
QUALITY MANAGEMENT

**ISO 45001**
OCCUPATIONAL HEALTH & SAFETY

LRQA CERTIFIED ISO 13485

The highest possible level of safety risk controls have been enacted, so you know your suppliers meet your own quality management system standards.

LRQA CERTIFIED ISO 9001 - ISO 14001

All of our policies, processes and procedures are controlled, which provides assurance that our products and services meet our customers' needs.

We ensure continuous improvement and engagement associated with the environment by reducing waste in a proactive and preventive nature.

LRQA CERTIFIED ISO 45001

We are committed to maintaining a high standard of quality and safety in our operations by reducing workplace risks and creating better, safer working conditions.

LRQA CERTIFIED ISO 22301

Our business continuity system provides protection against and recovery from unexpected, harmful incidents that may cause business disruption, giving you peace of mind for an uninterrupted supply chain.



New state-of-the-art

# ISO Class 8 Cleanroom

- Qosina's investment in the cleanroom further validates its commitment to its customers and the integral role it plays in the supply chain for bioprocess system manufacturing.
- By increasing our cleanroom packing and bill or material kitting capacity, we can continue to expand our role as a supply chain outsource partner. Customers can purchase only what they need, when they need it, from a single supplier, supplied from our cleanroom to theirs.
- Supply partners can focus on their own operational excellence, knowing that Qosina helps them serve the ever important small order, with a high service level and no degradation of product quality
- Supports the increased growth of Qosina's business allowing for increased capacity and reduced lead times for customers.





CERTIFIED CLASS 100,000 ISO 8 CLEANROOM



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# Connectors

Qosina offers barbed connectors in a variety of configurations including straight, Y, T, cross, elbow and manifold style. These connectors can accommodate tubes with an ID of 1/16 up to 1 inch.

Aseptic connectors and disconnectors allow for sterile connections and disconnections, even in non-sterile environments.

Our line of quick disconnect couplings can accommodate multiple tubing sizes and are offered in two materials for increased chemical compatibility.

## TABLE OF CONTENTS

Tube-to-Tube Connectors . . . . . 10-28
- Straight Connectors . . . . . 10-15
- Y Connectors . . . . . 16-18
- T Connectors . . . . . 19-23
- Elbow Connectors . . . . . 24-26
- Cross Connectors. . . . . 27
- Manifold Style Body . . . . . 28

Tubing Plugs . . . . . 29

Luers . . . . . 30-33
- Male Luer Locks . . . . . 30
- Male Luer Slips . . . . . 31
- Female Luer Caps . . . . . 31
- Female Luer Locks . . . . . 32-33
- Male Luer Caps . . . . . 33
- T Connectors . . . . . 33
- Elbow Connectors . . . . . 33

Single-Use Sensors . . . . . 34

Aseptic Connectors . . . . . 35-45
- MicroCNX™ . . . . . 35
- AseptiQuik® Series . . . . . 36-42
- CleanLine™ . . . . . 43
- OPTA® . . . . . 44-45

Steam-Thru Connectors . . . . . 46-49

Sterile Disconnects . . . . . 50-52

Quick Disconnect Couplings . . . . . 53-61

Related Products



For additional CPC® products please visit qosina.com/bioprocess



Oetiker® Clamps pages 98 - 101

Tubing pages 104 - 115



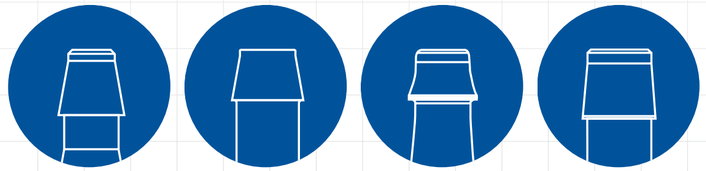


# Barb Styles

Hose barbs are available in many different styles across pages 10-28. Each style is driven by the experience and specific requirements considered by the barb designer. Hose barbs are typically described by the nominal inner diameter (ID) of the tubing they are intended to be inserted into. This description should not be interpreted as a guarantee of performance of the barbed connection with any specific sized tubing. There are no consensus standards for barb dimensions to fit tubing IDs. In many cases, a barb may be used with different ID tubing than described.

For more details on the different styles, please see below:

There are no parting lines on any of the barb styles shown.



**A**

Nominal size range: 1/16" – 1/4"

50% oversized barb

Oversized barb stem

**B**

Nominal size range: 1/8" – 1"

18% to 34% oversized barb

Oversized straight barb stem

**C**

Nominal size range: 1/16" – 1"

12% to 57% oversized barb

Tapered barb stem

**D**

Nominal size range: 1/8" – 1"

10% to 25% oversized barb

Barb stem sized equal to nominal tubing ID

Anti-rotation ribs on barb stem



**E**

Nominal size range: 1/16" – 1/4"

50% to 100% oversized barb

Oversized barb stem

**F**

Nominal size range: 1/16" – 3/8"

40% to 60% oversized barb

Oversized barb stem

**G**

Nominal size range: 1/16" – 1/4"

Straightline feature

**H**

Nominal size range: 1/16" – 1/4"

40% to 70% oversized barb

Extended barb

**I**

Nominal size range: 1/16" – 1/4"

25% oversized barb

Designed for semi-rigid tubing



Back to Table of Contents

Connectors

Bag Ports

Bag Chambers

Sanitary Flanges, Caps & Gaskets

Clamps & Clips

Tubing

Injection & Sampling Ports

Syringes

Stopcocks & Manifolds

Valves

Filters

Tools

Sterilization Supplies

Adhesives

Swabs

Transport Tubes

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## Straight Barb Styles

For barb style features and information, see page 9

Scan to visit Tube-to-Tube Connectors at QOSINA.COM





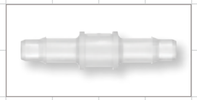

Enlarged view



61415



61935



Enlarged view

| | Straight Connector, Barbed | | | | |
|---|---|---|---|---|---|
| | Part No. | Measurement | Material | Color | Barb Style |
| | 61415 | Fits 1/16 inch ID Tubing (0.063 inch, 1.59 mm) | PP | Natural | Style A |
| NEW! | 61418 | Fits 1/16 inch ID Tubing (0.063 inch, 1.59 mm) | PP | Natural | Style C |
| | 61547 | Fits 1/16 inch ID Tubing (0.063 inch, 1.59 mm) | PP | Natural | Style D |
| | 11686 | Fits 1/16 inch ID Tubing (0.063 inch, 1.59 mm) | PP | Natural | Style E |
| NEW! | 61928 | Fits 1/16 inch ID Tubing (0.063 inch, 1.59 mm) | PP | Natural | Style I |
| | HS2 | Fits 1/16 inch ID Tubing (0.063 inch, 1.59 mm) | PP | Natural | Style F |
| | 11901 | Fits 1/16 inch ID Tubing (0.063 inch, 1.59 mm) | PP | Natural | Style G |
| | 61416 | Fits 3/32 inch ID Tubing (0.094 inch, 2.38 mm) | PP | Natural | Style A |
| | 61549 | Fits 3/32 inch ID Tubing (0.094 inch, 2.38 mm) | PP | Natural | Style D |
| | 11688 | Fits 3/32 inch ID Tubing (0.094 inch, 2.38 mm) | PP | Natural | Style E |
| NEW! | 61929 | Fits 3/32 inch ID Tubing (0.094 inch, 2.38 mm) | PP | Natural | Style I |
| | HS3 | Fits 3/32 inch ID Tubing (0.094 inch, 2.38 mm) | PP | Natural | Style F |
| | 11904 | Fits 3/32 inch ID Tubing (0.094 inch, 2.38 mm) | PP | Natural | Style G |
| | 61417 | Fits 1/8 inch ID Tubing (0.125 inch, 3.18 mm) | PP | Natural | Style A |
| | 61420 | Fits 1/8 inch ID Tubing (0.125 inch, 3.18 mm) | PP | Natural | Style C |
| | 61552 | Fits 1/8 inch ID Tubing (0.125 inch, 3.18 mm) | PP | Natural | Style D |
| | 11690 | Fits 1/8 inch ID Tubing (0.125 inch, 3.18 mm) | PP | Natural | Style E |
| | 61977 | Fits 1/8 inch ID Tubing (0.125 inch, 3.18 mm) | PP | Natural | Style H |
| NEW! | 61935 | Fits 1/8 inch ID Tubing (0.125 inch, 3.18 mm) | PP | Natural | Style I |
| NEW! | HS4 | Fits 1/8 inch ID Tubing (0.125 inch, 3.18 mm) | PP | Natural | Style F |

Body styles may vary



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11825



61102

| | Straight Connector, Barbed | | | | |
|---|---|---|---|---|---|
| | Part No. | Measurement | Material | Color | Barb Style |
| NEW! | 61926 | Fits 5/32 inch ID Tubing (0.156 inch, 3.97 mm) | PP | Natural | Style H |
| NEW! | 61931 | Fits 5/32 inch ID Tubing (0.156 inch, 3.97 mm) | PP | Natural | Style I |
| | 61421 | Fits 5/32 inch ID Tubing (0.156 inch, 3.97 mm) | PP | Natural | Style C |
| | 61567 | Fits 5/32 inch ID Tubing (0.156 inch, 3.97 mm) | PP | Natural | Style D |
| | 11822 | Fits 5/32 inch ID Tubing (0.156 inch, 3.97 mm) | PP | Natural | Style E |
| | HS5 | Fits 5/32 inch ID Tubing (0.156 inch, 3.97 mm) | PP | Natural | Style F |
| | 61927 | Fits 3/16 inch ID Tubing (0.187 inch, 4.76 mm) | PP | Natural | Style H |
| NEW! | 61937 | Fits 3/16 inch ID Tubing (0.187 inch, 4.76 mm) | PP | Natural | Style C |
| | 11825 | Fits 3/16 inch ID Tubing (0.187 inch, 4.76 mm) | PP | Natural | Style E |
| | HS6 | Fits 3/16 inch ID Tubing (0.187 inch, 4.76 mm) | PP | Natural | Style F |
| | 61955 | Fits 1/4 inch ID Tubing (0.25 inch, 6.35 mm) | Kynar (PVDF) | Natural | Style H |
| | 61301 | Fits 1/4 inch ID Tubing (0.25 inch, 6.35 mm) | PP | Natural | Style B |
| | 61423 | Fits 1/4 inch ID Tubing (0.25 inch, 6.35 mm) | PP | Natural | Style C |
| | 60011 | Fits 1/4 inch ID Tubing (0.25 inch, 6.35 mm) | PP | Natural | Style D |
| | 11831 | Fits 1/4 inch ID Tubing (0.25 inch, 6.35 mm) | PP | Natural | Style E |
| | HS8 | Fits 1/4 inch ID Tubing (0.25 inch, 6.35 mm) | PP | Natural | Style F |
| | 60012 | Fits 5/16 inch ID Tubing (0.313 inch, 7.94 mm) | PP | Natural | Style D |
| | 61302 | Fits 3/8 inch ID Tubing (0.375 inch, 9.53 mm) | PP | Natural | Style B |
| | 61425 | Fits 3/8 inch ID Tubing (0.375 inch, 9.53 mm) | PP | Natural | Style C |
| | 60013 | Fits 3/8 inch ID Tubing (0.375 inch, 9.53 mm) | PP | Natural | Style D |
| | HS12 | Fits 3/8 inch ID Tubing (0.375 inch, 9.53 mm) | PP | Natural | Style F |
| | 61160 | Fits 1/2 inch ID Tubing (0.5 inch, 12.7 mm) | PP | Natural | Style B |
| | 61426 | Fits 1/2 inch ID Tubing (0.5 inch, 12.7 mm) | PP | Natural | Style C |
| | 60014 | Fits 1/2 inch ID Tubing (0.5 inch, 12.7 mm) | PP | Natural | Style D |
| | 61100 | Fits 5/8 inch ID Tubing (0.625 inch, 15.88 mm) | PP | Natural | Style D |
| | 61304 | Fits 3/4 inch ID Tubing (0.75 inch, 19.05 mm) | PP | Natural | Style B |
| | 61428 | Fits 3/4 inch ID Tubing (0.75 inch, 19.05 mm) | PP | Natural | Style C |
| | 61101 | Fits 3/4 inch ID Tubing (0.75 inch, 19.05 mm) | PP | Natural | Style D |
| | 61305 | Fits 1 inch ID Tubing (25.4 mm) | PP | Natural | Style B |
| | 61102 | Fits 1 inch ID Tubing (25.4 mm) | PP | Natural | Style D |

Body styles may vary



Back to Table of Contents

Connectors

Bag Ports

Bag Chambers

Sanitary Flanges, Caps & Gaskets

Clamps & Clips

Tubing

Injection & Sampling Ports

Syringes

Stopcocks & Manifolds

Valves

Filters

Tools

Sterilization Supplies

Adhesives

Swabs

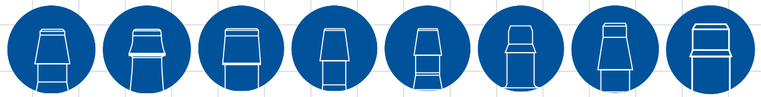
Transport Tubes

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1cm

## Straight Barb Styles

For barb style features and information, see page 9






11910



11961

| | Straight Connector, Barbed, Reducer | | | | |
|---|---|---|---|---|---|
| | Part No. | Measurement | Material | Color | Barb Style |
| NEW! | 61921 | Fits 3/32 inch x 1/16 inch ID Tubing (0.094 inch x 0.063 inch, 2.38 mm x 1.59 mm) | PP | Natural | Style H |
| | 61455 | Fits 3/32 inch x 1/16 inch ID Tubing (0.094 inch x 0.063 inch, 2.38 mm x 1.59 mm) | PP | Natural | Style A |
| | 61458 | Fits 3/32 inch x 1/16 inch ID Tubing (0.094 inch x 0.063 inch, 2.38 mm x 1.59 mm) | PP | Natural | Style C |
| | 61548 | Fits 3/32 inch x 1/16 inch ID Tubing (0.094 inch x 0.063 inch, 2.38 mm x 1.59 mm) | PP | Natural | Style D |
| | 11910 | Fits 3/32 inch x 1/16 inch ID Tubing (0.094 inch x 0.063 inch, 2.38 mm x 1.59 mm) | PP | Natural | Style G |
| | 11916 | Fits 3/32 inch x 1/16 inch ID Tubing (0.094 inch x 0.063 inch, 2.38 mm x 1.59 mm) | PP | Natural | Style E |
| | HSR32 | Fits 3/32 inch x 1/16 inch ID Tubing (0.094 inch x 0.063 inch, 2.38 mm x 1.59 mm) | PP | Natural | Style F |
| NEW! | 61930 | Fits 3/32 inch x 1/16 inch ID Tubing (0.094 inch x 0.063 inch, 2.38 mm x 1.59 mm) | PP | Natural | Style I |
| NEW! | 61942 | Fits 1/8 inch x 1/16 inch ID Tubing (0.125 inch x 0.063 inch, 3.18 mm x 1.59 mm) | Kynar (PVDF) | Natural | Style H |
| NEW! | 61920 | Fits 1/8 inch x 1/16 inch ID Tubing (0.125 inch x 0.063 inch, 3.18 mm x 1.59 mm) | PP | Natural | Style H |
| | 61551 | Fits 1/8 inch x 1/16 inch ID Tubing (0.125 inch x 0.063 inch, 3.18 mm x 1.59 mm) | PP | Natural | Style D |
| | 11913 | Fits 1/8 inch x 1/16 inch ID Tubing (0.125 inch x 0.063 inch, 3.18 mm x 1.59 mm) | PP | Natural | Style E |
| | HSR42 | Fits 1/8 inch x 1/16 inch ID Tubing (0.125 inch x 0.063 inch, 3.18 mm x 1.59 mm) | PP | Natural | Style F |
| NEW! | 61456 | Fits 1/8 inch x 1/16 inch ID Tubing (0.125 inch x 0.063 inch, 3.18 mm x 1.59 mm) | PP | Natural | Style A |
| | 61459 | Fits 1/8 inch x 1/16 inch ID Tubing (0.125 inch x 0.063 inch, 3.18 mm x 1.59 mm) | PP | Natural | Style C |
| | 61460 | Fits 1/8 inch x 3/32 inch ID Tubing (0.125 inch x 0.094 inch, 3.18 mm x 2.38 mm) | PP | Natural | Style C |
| | 61550 | Fits 1/8 inch x 3/32 inch ID Tubing (0.125 inch x 0.094 inch, 3.18 mm x 2.38 mm) | PP | Natural | Style D |
| | 11907 | Fits 1/8 inch x 3/32 inch ID Tubing (0.125 inch x 0.094 inch, 3.18 mm x 2.38 mm) | PP | Natural | Style E |
| | 11960 | Fits 1/8 inch x 3/32 inch ID Tubing (0.125 inch x 0.094 inch, 3.18 mm x 2.38 mm) | PP | Natural | Style E |
| | HSR43 | Fits 1/8 inch x 3/32 inch ID Tubing (0.125 inch x 0.094 inch, 3.18 mm x 2.38 mm) | PP | Natural | Style F |
| NEW! | 61457 | Fits 1/8 inch x 3/32 inch ID Tubing (0.125 inch x 0.094 inch, 3.18 mm x 2.38 mm) | PP | Natural | Style A |
| NEW! | 61922 | Fits 5/32 inch x 1/16 inch ID Tubing (0.156 inch x 0.063 inch, 3.97 mm x 1.59 mm) | PP | Natural | Style H |
| | HSR52 | Fits 5/32 inch x 1/16 inch ID Tubing (0.156 inch x 0.063 inch, 3.97 mm x 1.59 mm) | PP | Natural | Style F |
| NEW! | 61924 | Fits 5/32 inch x 3/32 inch ID tubing (0.156 inch x 0.094 inch, 3.97 mm x 2.38 mm) | PP | Natural | Style H |
| | 61219 | Fits 5/32 inch x 3/32 inch ID tubing (0.156 inch x 0.094 inch, 3.97 mm x 2.38 mm) | PP | Natural | Style E |
| | HSR53 | Fits 5/32 inch x 3/32 inch ID tubing (0.156 inch x 0.094 inch, 3.97 mm x 2.38 mm) | PP | Natural | Style F |
| NEW! | 61946 | Fits 5/32 inch x 1/8 inch ID Tubing (0.156 inch x 0.125 inch, 3.97 mm x 3.18 mm) | Kynar (PVDF) | Natural | Style C |
| NEW! | 61974 | Fits 5/32 inch x 1/8 inch ID Tubing (0.156 inch x 0.125 inch, 3.97 mm x 3.18 mm) | PP | Natural | Style A |
| | 61553 | Fits 5/32 inch x 1/8 inch ID Tubing (0.156 inch x 0.125 inch, 3.97 mm x 3.18 mm) | PP | Natural | Style D |
| | 61216 | Fits 5/32 inch x 1/8 inch ID Tubing (0.156 inch x 0.125 inch, 3.97 mm x 3.18 mm) | PP | Natural | Style E |
| | HSR54 | Fits 5/32 inch x 1/8 inch ID Tubing (0.156 inch x 0.125 inch, 3.97 mm x 3.18 mm) | PP | Natural | Style F |

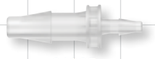
Body styles may vary



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1cm





61925



11828



61466

| | Straight Connector, Barbed, Reducer | | | | |
|---|---|---|---|---|---|
| | Part No. | Measurement | Material | Color | Barb Style |
| | HSR62 | Fits 3/16 inch x 1/16 inch ID Tubing (0.187 inch x 0.063 inch, 4.76 mm x 1.59 mm) | PP | Natural | Style F |
| NEW! | 61925 | Fits 3/16 inch x 3/32 inch ID Tubing (0.187 inch x 0.094 inch, 4.76 mm x 2.38 mm) | PP | Natural | Style H |
| | 61210 | Fits 3/16 inch x 3/32 inch ID Tubing (0.187 inch x 0.094 inch, 4.76 mm x 2.38 mm) | PP | Natural | Style E |
| | HSR63 | Fits 3/16 inch x 3/32 inch ID Tubing (0.187 inch x 0.094 inch, 4.76 mm x 2.38 mm) | PP | Natural | Style F |
| NEW! | 65141 | Fits 3/16 inch x 1/8 inch ID Tubing (0.187 inch x 0.125 inch, 4.76 mm x 3.18 mm) | PP | Natural | Style H |
| | 61465 | Fits 3/16 inch x 1/8 inch ID Tubing (0.187 inch x 0.125 inch, 4.76 mm x 3.18 mm) | PP | Natural | Style C |
| | 61555 | Fits 3/16 inch x 1/8 inch ID Tubing (0.187 inch x 0.125 inch, 4.76 mm x 3.18 mm) | PP | Natural | Style D |
| | 61213 | Fits 3/16 inch x 1/8 inch ID Tubing (0.187 inch x 0.125 inch, 4.76 mm x 3.18 mm) | PP | Natural | Style E |
| | HSR64 | Fits 3/16 inch x 1/8 inch ID Tubing (0.187 inch x 0.125 inch, 4.76 mm x 3.18 mm) | PP | Natural | Style F |
| NEW! | 61975 | Fits 3/16 inch x 5/32 inch ID Tubing (0.187 inch x 0.156 inch, 4.76 mm x 3.97 mm) | PP | Natural | Style H |
| | 61466 | Fits 3/16 inch x 5/32 inch ID Tubing (0.187 inch x 0.156 inch, 4.76 mm x 3.97 mm) | PP | Natural | Style C |
| | 88312 | Fits 3/16 inch x 5/32 inch ID Tubing (0.187 inch x 0.156 inch, 4.76 mm x 3.97 mm) | PP | Natural | Style E |
| | HSR65 | Fits 3/16 inch x 5/32 inch ID Tubing (0.187 inch x 0.156 inch, 4.76 mm x 3.97 mm) | PP | Natural | Style F |
| | 61556 | Fits 1/4 inch x 1/16 inch ID Tubing (0.25 inch x 0.063 inch, 6.35 mm x 1.59 mm) | PP | Natural | Style D |
| | 61557 | Fits 1/4 inch x 3/32 inch ID Tubing (0.25 inch x 0.094 inch, 6.35 mm x 2.38 mm) | PP | Natural | Style D |
| NEW! | 65133 | Fits 1/4 inch x 1/8 inch ID Tubing (0.25 inch x 0.125 inch, 6.35 mm x 3.18 mm) | PP | Natural | Style H |
| | 61467 | Fits 1/4 inch x 1/8 inch ID Tubing (0.25 inch x 0.125 inch, 6.35 mm x 3.18 mm) | PP | Natural | Style C |
| | 61558 | Fits 1/4 inch x 1/8 inch ID Tubing (0.25 inch x 0.125 inch, 6.35 mm x 3.18 mm) | PP | Natural | Style D |
| | 61222 | Fits 1/4 inch x 1/8 inch ID Tubing (0.25 inch x 0.125 inch, 6.35 mm x 3.18 mm) | PP | Natural | Style E |
| | HSR84 | Fits 1/4 inch x 1/8 inch ID Tubing (0.25 inch x 0.125 inch, 6.35 mm x 3.18 mm) | PP | Natural | Style F |
| | 61468 | Fits 1/4 inch x 5/32 inch ID Tubing (0.25 inch x 0.156 inch, 6.35 mm x 3.97 mm) | PP | Natural | Style C |
| | 61559 | Fits 1/4 inch x 5/32 inch ID Tubing (0.25 inch x 0.156 inch, 6.35 mm x 3.97 mm) | PP | Natural | Style D |
| | 11828 | Fits 1/4 inch x 5/32 inch ID Tubing (0.25 inch x 0.156 inch, 6.35 mm x 3.97 mm) | PP | Natural | Style E |
| | HSR85 | Fits 1/4 inch x 5/32 inch ID Tubing (0.25 inch x 0.156 inch, 6.35 mm x 3.97 mm) | PP | Natural | Style F |

Body styles may vary



Back to Table of Contents

Connectors

Bag Ports

Bag Chambers

Sanitary Flanges, Caps & Gaskets

Clamps & Clips

Tubing

Injection & Sampling Ports

Syringes

Stopcocks & Manifolds

Valves

Filters

Tools

Sterilization Supplies

Adhesives

Swabs

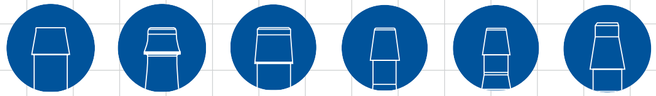
Transport Tubes

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## Straight Barb Styles

For barb style features and information, see page 9

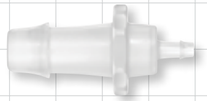





61469



60020



61473

| Straight Connector, Barbed, Reducer | | | | | |
|---|---|---|---|---|---|
| | Part No. | Measurement | Material | Color | Barb Style |
| NEW! | 61976 | Fits 1/4 inch x 3/16 inch ID Tubing (0.25 inch x 0.187 inch, 6.35 mm x 4.76 mm) | PP | Natural | Style H |
| | 61469 | Fits 1/4 inch x 3/16 inch ID Tubing (0.25 inch x 0.187 inch, 6.35 mm x 4.76 mm) | PP | Natural | Style C |
| | 88315 | Fits 1/4 inch x 3/16 inch ID Tubing (0.25 inch x 0.187 inch, 6.35 mm x 4.76 mm) | PP | Natural | Style E |
| | 61560 | Fits 1/4 inch x 3/16 inch ID Tubing (0.25 inch x 0.187 inch, 6.35 mm x 4.76 mm) | PP | Natural | Style D |
| | HSR86 | Fits 1/4 inch x 3/16 inch ID Tubing (0.25 inch x 0.187 inch, 6.35 mm x 4.76 mm) | PP | Natural | Style F |
| | 61561 | Fits 5/16 inch x 5/32 inch ID Tubing (0.313 inch x 0.156 inch, 7.94 mm x 3.97 mm) | PP | Natural | Style D |
| | 61471 | Fits 5/16 inch x 3/16 inch ID Tubing (0.313 inch x 0.187 inch, 7.94 mm x 4.76 mm) | PP | Natural | Style C |
| | 61472 | Fits 5/16 inch x 1/4 inch ID Tubing (0.313 inch x 0.25 inch, 7.94 mm x 6.35 mm) | PP | Natural | Style C |
| | 60015 | Fits 5/16 inch x 1/4 inch ID Tubing (0.313 inch x 0.25 inch, 7.94 mm x 6.35 mm) | PP | Natural | Style D |
| | 61563 | Fits 3/8 inch x 1/8 inch ID Tubing (0.375 inch x 0.125 inch, 9.53 mm x 3.18 mm) | PP | Natural | Style D |
| | 61473 | Fits 3/8 inch x 1/8 inch ID Tubing (0.375 inch x 0.125 inch, 9.53 mm x 3.18 mm) | PP | Natural | Style B |
| | 61474 | Fits 3/8 inch x 1/8 inch ID Tubing (0.375 inch x 0.125 inch, 9.53 mm x 3.18 mm) | PP | Natural | Style C |
| | 61564 | Fits 3/8 inch x 5/32 inch ID Tubing (0.375 inch x 0.156 inch, 9.53 mm x 3.97 mm) | PP | Natural | Style D |
| | 61565 | Fits 3/8 inch x 1/4 inch ID Tubing (0.375 inch x 0.25 inch, 9.53 mm x 6.35 mm) | PP | Natural | Style D |
| | HSR128 | Fits 3/8 inch x 1/4 inch ID Tubing (0.375 inch x 0.25 inch, 9.53 mm x 6.35 mm) | PP | Natural | Style F |
| | 60019 | Fits 3/8 inch x 1/4 inch ID Tubing (0.375 inch x 0.25 inch, 9.53 mm x 6.35 mm) | PP | Natural | Style D |
| | 61475 | Fits 3/8 inch x 1/4 inch ID Tubing (0.375 inch x 0.25 inch, 9.53 mm x 6.35 mm) | PP | Natural | Style B |
| | 61476 | Fits 3/8 inch x 1/4 inch ID Tubing (0.375 inch x 0.25 inch, 9.53 mm x 6.35 mm) | PP | Natural | Style C |
| | 60020 | Fits 3/8 inch x 5/16 inch ID Tubing (0.375 inch x 0.312 inch, 9.53 mm x 7.94 mm) | PP | Natural | Style D |

Body styles may vary



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1cm





60016



61110

| Straight Connector, Barbed, Reducer | | | | | |
|---|---|---|---|---|---|
| | Part No. | Measurement | Material | Color | Barb Style |
| NEW! | 65138 | Fits 1/2 inch x 1/4 inch ID Tubing (0.5 inch x 0.25 inch, 12.7 mm x 6.35 mm) | PP | Natural | Style B |
| | 60016 | Fits 1/2 inch x 1/4 inch ID Tubing (0.5 inch x 0.25 inch, 12.7 mm x 6.35 mm) | PP | Natural | Style D |
| | 61477 | Fits 1/2 inch x 1/4 inch ID Tubing (0.5 inch x 0.25 inch, 12.7 mm x 6.35 mm) | PP | Natural | Style C |
| | 60017 | Fits 1/2 inch x 5/16 inch ID Tubing (0.5 inch x 0.313 inch, 12.7 mm x 7.94 mm) | PP | Natural | Style D |
| | 61478 | Fits 1/2 inch x 3/8 inch ID Tubing (0.5 inch x 0.375 inch, 12.7 mm x 9.53 mm) | PP | Natural | Style C |
| | 61306 | Fits 1/2 inch x 3/8 inch ID Tubing (0.5 inch x 0.375 inch, 12.7 mm x 9.53 mm) | PP | Natural | Style B |
| | 60018 | Fits 1/2 inch x 3/8 inch ID Tubing (0.5 inch x 0.375 inch, 12.7 mm x 9.53 mm) | PP | Natural | Style D |
| | 61480 | Fits 5/8 inch x 1/4 inch ID Tubing (0.625 inch x 0.25 inch, 15.88 mm x 6.35 mm) | PP | Natural | Style B |
| | 61103 | Fits 5/8 inch x 1/4 inch ID Tubing (0.625 inch x 0.25 inch, 15.88 mm x 6.35 mm) | PP | Natural | Style D |
| | 61104 | Fits 5/8 inch x 5/16 inch ID Tubing (0.625 inch x 0.313 inch, 15.88 mm x 7.94 mm) | PP | Natural | Style D |
| | 61105 | Fits 5/8 inch x 3/8 inch ID Tubing (0.625 inch x 0.375 inch, 15.88 mm x 9.53 mm) | PP | Natural | Style D |
| | 61106 | Fits 5/8 inch x 1/2 inch ID Tubing (0.625 inch x 0.5 inch, 15.88 mm x 12.7 mm) | PP | Natural | Style D |
| | 61482 | Fits 3/4 inch x 3/8 inch ID Tubing (0.75 inch x 0.375 inch, 19.05 mm x 9.53 mm) | PP | Natural | Style B |
| | 61107 | Fits 3/4 inch x 3/8 inch ID Tubing (0.75 inch x 0.375 inch, 19.05 mm x 9.53 mm) | PP | Natural | Style D |
| | 61483 | Fits 3/4 inch x 1/2 inch ID Tubing (0.75 inch x 0.5 inch, 19.05 mm x 12.7 mm) | PP | Natural | Style B |
| | 61484 | Fits 3/4 inch x 1/2 inch ID Tubing (0.75 inch x 0.5 inch, 19.05 mm x 12.7 mm) | PP | Natural | Style C |
| | 61108 | Fits 3/4 inch x 1/2 inch ID Tubing (0.75 inch x 0.5 inch, 19.05 mm x 12.7 mm) | PP | Natural | Style D |
| | 61109 | Fits 3/4 inch x 5/8 inch ID Tubing (0.75 inch x 0.625 inch, 19.05 mm x 15.88 mm) | PP | Natural | Style D |
| | 61307 | Fits 1 inch x 1/2 inch ID Tubing (1 inch x 0.5 inch, 25.4 mm x 12.7 mm) | PP | Natural | Style B |
| | 61110 | Fits 1 inch x 1/2 inch ID Tubing (1 inch x 0.5 inch, 25.4 mm x 12.7 mm) | PP | Natural | Style D |
| | 61111 | Fits 1 inch x 5/8 inch ID Tubing (1 inch x 0.625 inch, 25.4 mm x 15.88 mm) | PP | Natural | Style D |
| | 61112 | Fits 1 inch x 3/4 inch ID Tubing (1 inch x 0.75 inch, 25.4 mm x 19.05 mm) | PP | Natural | Style D |
| | 61308 | Fits 1 inch x 3/4 inch ID Tubing (1 inch x 0.75 inch, 25.4 mm x 19.05 mm) | PP | Natural | Style B |

Body styles may vary



Back to Table of Contents

Connectors

Bag Ports

Bag Chambers

Sanitary Flanges, Caps & Gaskets

Clamps & Clips

Tubing

Injection & Sampling Ports

Syringes

Stopcocks & Manifolds

Valves

Filters

Tools

Sterilization Supplies

Adhesives

Swabs

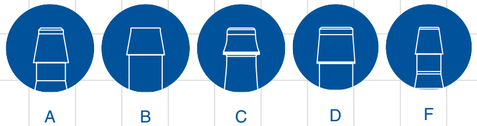
Transport Tubes

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1cm

## Y Connector Barb Styles

For barb style features and information, see page 9







| Y Connector, Barbed | | | | |
|---|---|---|---|---|
| Part No. | Measurement | Material | Color | Barb Style |
| 61626 | Fits 1/16 inch ID Tubing (0.063 inch, 1.59 mm) | PP | Natural | Style A |
| 61683 | Fits 1/16 inch ID Tubing (0.063 inch, 1.59 mm) | PP | Natural | Style D |
| HY2 | Fits 1/16 inch ID Tubing (0.063 inch, 1.59 mm) | PP | Natural | Style F |
| 88300 | Fits 1/16 inch ID Tubing (0.063 inch, 1.59 mm) | PP | Natural | Style F |
| 61627 | Fits 3/32 inch ID Tubing (0.094 inch, 2.38 mm) | PP | Natural | Style A |
| 61684 | Fits 3/32 inch ID Tubing (0.094 inch, 2.38 mm) | PP | Natural | Style D |
| HY3 | Fits 3/32 inch ID Tubing (0.094 inch, 2.38 mm) | PP | Natural | Style F |
| 88304 | Fits 3/32 inch ID Tubing (0.094 inch, 2.38 mm) | PP | Natural | Style F |
| 61628 | Fits 1/8 inch ID Tubing (0.125 inch, 3.18 mm) | PP | Natural | Style A |
| 61685 | Fits 1/8 inch ID Tubing (0.125 inch, 3.18 mm) | PP | Natural | Style D |
| HY4 | Fits 1/8 inch ID Tubing (0.125 inch, 3.18 mm) | PP | Natural | Style F |
| 88308 | Fits 1/8 inch ID Tubing (0.125 inch, 3.18 mm) | PP | Natural | Style F |
| 61631 | Fits 1/8 inch ID Tubing (0.125 inch, 3.18 mm) | PP | Natural | Style C |
| 61629 | Fits 5/32 inch ID Tubing (0.156 inch, 3.97 mm) | PP | Natural | Style A |
| 61686 | Fits 5/32 inch ID Tubing (0.156 inch, 3.97 mm) | PP | Natural | Style D |
| HY5 | Fits 5/32 inch ID Tubing (0.156 inch, 3.97 mm) | PP | Natural | Style F |
| 61192 | Fits 5/32 inch ID Tubing (0.156 inch, 3.97 mm) | PP | Natural | Style F |
| 61687 | Fits 3/16 inch ID Tubing (0.187 inch, 4.76 mm) | PP | Natural | Style D |
| HY6 | Fits 3/16 inch ID Tubing (0.187 inch, 4.76 mm) | PP | Natural | Style F |
| 61196 | Fits 3/16 inch ID Tubing (0.187 inch, 4.76 mm) | PP | Natural | Style F |
| NEW! 61630 | Fits 3/16 inch ID Tubing (0.187 inch, 4.76 mm) | PP | Natural | Style A |
| 61632 | Fits 1/4 inch ID Tubing (0.25 inch, 6.35 mm) | PP | Natural | Style C |
| 61688 | Fits 1/4 inch ID Tubing (0.25 inch, 6.35 mm) | PP | Natural | Style D |
| HY8 | Fits 1/4 inch ID Tubing (0.25 inch, 6.35 mm) | PP | Natural | Style F |
| 61689 | Fits 5/16 inch ID Tubing (0.313 inch, 7.94 mm) | PP | Natural | Style D |
| 61633 | Fits 3/8 inch ID Tubing (0.375 inch, 9.53 mm) | PP | Natural | Style C |
| 61310 | Fits 3/8 inch ID Tubing (0.375 inch, 9.53 mm) | PP | Natural | Style B |
| 88410 | Fits 3/8 inch ID Tubing (0.375 inch, 9.53 mm) | PP | Natural | Style D |
| 88425 | Fits 3/8 inch ID Tubing (0.375 inch, 9.53 mm) | PP | Natural | Style D |
| HY12 | Fits 3/8 inch ID Tubing (0.375 inch, 9.53 mm) | PP | Natural | Style F |

Body styles may vary



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| Y Connector, Barbed | | | | |
|---|---|---|---|---|
| Part No. | Measurement | Material | Color | Barb Style |
| 88411 | Fits 1/2 inch ID Tubing (0.5 inch, 12.7 mm) | PP | Natural | Style D |
| 61311 | Fits 1/2 inch ID Tubing (0.5 inch, 12.7 mm) | PP | Natural | Style B |
| 61634 | Fits 1/2 inch ID Tubing (0.5 inch, 12.7 mm) | PP | Natural | Style C |
| 88426 | Fits 1/2 inch ID Tubing (0.5 inch, 12.7 mm) | PP | Natural | Style D |
| 61128 | Fits 5/8 inch ID Tubing (0.625 inch, 15.88 mm) | PP | Natural | Style D |
| 61635 | Fits 5/8 inch ID Tubing (0.625 inch, 15.88 mm) | PP | Natural | Style C |
| NEW! 61312 | Fits 5/8 inch ID Tubing (0.625 inch, 15.88 mm) | PP | Natural | Style B |
| 61129 | Fits 3/4 inch ID Tubing (0.75 inch, 19.05 mm) | PP | Natural | Style D |
| 61156 | Fits 3/4 inch ID Tubing (0.75 inch, 19.05 mm) | PP | Natural | Style C |
| 61157 | Fits 3/4 inch ID Tubing (0.75 inch, 19.05 mm) | PP | Natural | Style B |
| NEW! 61636 | Fits 1 inch ID Tubing (25.4 mm) | PP | Natural | Style C |
| 61313 | Fits 1 inch ID Tubing (25.4 mm) | PP | Natural | Style B |
| 61130 | Fits 1 inch ID Tubing (25.4 mm) | PP | Natural | Style D |

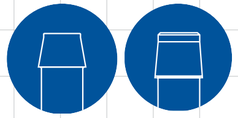
Body styles may vary

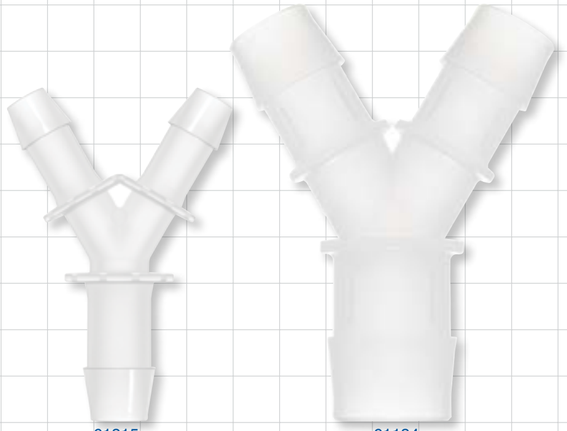
QOSINA Thousands of Stock Components Bioprocess

1cm

## Y Connector Barb Styles

For barb style features and information, see page 9




| Y Connector, Barbed, Reducer | | | | | | |
|---|---|---|---|---|---|---|
| Part No. | Top Left Port | Top Right Port | Bottom Port | Material | Color | Barb Style |
| 61200 | Fits 1/8 inch ID Tubing (0.125 inch, 3.18 mm) | Fits 1/8 inch ID Tubing (0.125 inch, 3.18 mm) | Fits 1/4 inch ID Tubing (0.25 inch, 6.35 mm) | PP | Natural | Style B |
| 61201 | Fits 1/4 inch ID Tubing (0.25 inch, 6.35 mm) | Fits 1/4 inch ID Tubing (0.25 inch, 6.35 mm) | Fits 3/8 inch ID Tubing (0.375 inch, 9.53 mm) | PP | Natural | Style B |
| 61315 | Fits 3/8 inch ID Tubing (0.375 inch, 9.53 mm) | Fits 3/8 inch ID Tubing (0.375 inch, 9.53 mm) | Fits 1/2 inch ID Tubing (0.5 inch, 12.7 mm) | PP | Natural | Style B |
| 61131 | Fits 3/8 inch ID Tubing (0.375 inch, 9.5 mm) | Fits 3/8 inch ID Tubing (0.375 inch, 9.5 mm) | Fits 1/2 inch ID Tubing (0.5 inch, 12.7 mm) | PP | Natural | Style D |
| 61132 | Fits 1/2 inch ID Tubing (0.5 inch, 12.7 mm) | Fits 1/2 inch ID Tubing (0.5 inch, 12.7 mm) | Fits 5/8 inch ID Tubing (0.625 inch, 15.88 mm) | PP | Natural | Style D |
| 61133 | Fits 5/8 inch ID Tubing (0.625 inch, 15.88 mm) | Fits 5/8 inch ID Tubing (0.625 inch, 15.88 mm) | Fits 3/4 inch ID Tubing (0.75 inch, 19.05 mm) | PP | Natural | Style D |
| 61316 | Fits 3/4 inch ID Tubing (0.75 inch, 19.05 mm) | Fits 3/4 inch ID Tubing (0.75 inch, 19.05 mm) | Fits 1 inch ID Tubing (25.4 mm) | PP | Natural | Style B |
| 61134 | Fits 3/4 inch ID Tubing (0.75 inch, 19.05 mm) | Fits 3/4 inch ID Tubing (0.75 inch, 19.05 mm) | Fits 1 inch ID Tubing (25.4 mm) | PP | Natural | Style D |

Body styles may vary



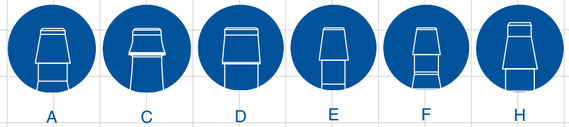


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## T Connector Barb Styles

For barb style features and information, see page 9







| T Connector, Barbed | | | | |
|---|---|---|---|---|
| Part No. | Measurement | Material | Color | Barb Style |
| 61405 | Fits 1/16 inch ID Tubing (0.063 inch, 1.59 mm) | PP | Natural | Style A |
| 61530 | Fits 1/16 inch ID Tubing (0.063 inch, 1.59 mm) | PP | Natural | Style D |
| 11700 | Fits 1/16 inch ID Tubing (0.063 inch, 1.59 mm) | PP | Natural | Style E |
| HT2 | Fits 1/16 inch ID Tubing (0.063 inch, 1.59 mm) | PP | Natural | Style F |
| 61406 | Fits 3/32 inch ID Tubing (0.094 inch, 2.38 mm) | PP | Natural | Style A |
| 61532 | Fits 3/32 inch ID Tubing (0.094 inch, 2.38 mm) | PP | Natural | Style D |
| 11702 | Fits 3/32 inch ID Tubing (0.094 inch, 2.38 mm) | PP | Natural | Style E |
| HT3 | Fits 3/32 inch ID Tubing (0.094 inch, 2.38 mm) | PP | Natural | Style F |
| 61407 | Fits 1/8 inch ID Tubing (0.125 inch, 3.18 mm) | PP | Natural | Style A |
| 61535 | Fits 1/8 inch ID Tubing (0.125 inch, 3.18 mm) | PP | Natural | Style D |
| 61430 | Fits 1/8 inch ID Tubing (0.125 inch, 3.18 mm) | PP | Natural | Style C |
| 11704 | Fits 1/8 inch ID Tubing (0.125 inch, 3.18 mm) | PP | Natural | Style E |
| HT4 | Fits 1/8 inch ID Tubing (0.125 inch, 3.18 mm) | PP | Natural | Style F |
| NEW! 61983 | Fits 5/32 inch ID Tubing (0.156 inch, 3.97 mm) | PP | Natural | Style H |
| 11834 | Fits 5/32 inch ID Tubing (0.156 inch, 3.97 mm) | PP | Natural | Style E |
| 61538 | Fits 5/32 inch ID Tubing (0.156 inch, 3.97 mm) | PP | Natural | Style D |
| HT5 | Fits 5/32 inch ID Tubing (0.156 inch, 3.97 mm) | PP | Natural | Style F |
| 11837 | Fits 3/16 inch ID Tubing (0.187 inch, 4.76 mm) | PP | Natural | Style E |
| 61540 | Fits 3/16 inch ID Tubing (0.187 inch, 4.76 mm) | PP | Natural | Style D |
| NEW! 61408 | Fits 3/16 inch ID Tubing (0.187 inch, 4.76 mm) | PP | Natural | Style A |
| HT6 | Fits 3/16 inch ID Tubing (0.187 inch, 4.76 mm) | PP | Natural | Style F |
| HT7 | Fits 7/32 inch ID Tubing (0.219 inch, 5.55 mm) | PP | Natural | Style F |

Body styles may vary



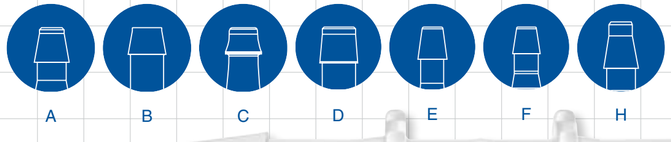
Back to Table of Contents
Connectors
Bag Ports
Bag Chambers
Sanitary Flanges, Caps & Gaskets
Clamps & Clips
Tubing
Injection & Sampling Ports
Syringes
Stopcocks & Manifolds
Valves
Filters
Tools
Sterilization Supplies
Adhesives
Swabs
Transport Tubes

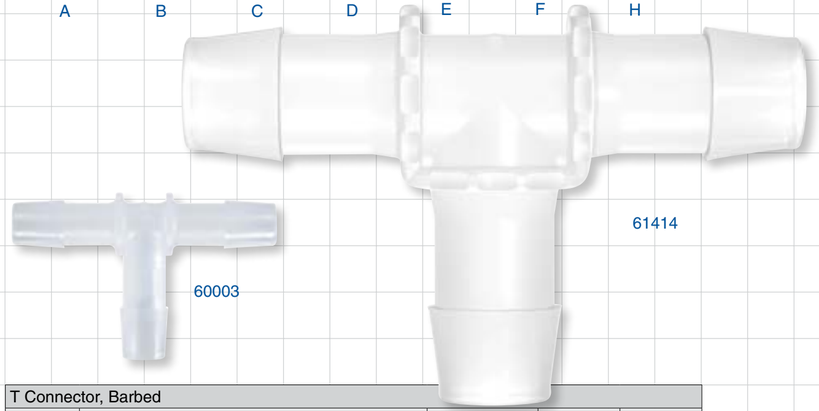
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1cm

## T Connector Barb Styles

For barb style features and information, see page 9




| | T Connector, Barbed | | | | |
|---|---|---|---|---|---|
| | Part No. | Measurement | Material | Color | Barb Style |
| | 11840 | Fits 1/4 inch ID Tubing (0.25 inch, 6.35 mm) | PP | Natural | Style E |
| | 61318 | Fits 1/4 inch ID Tubing (0.25 inch, 6.35 mm) | PP | Natural | Style H |
| | 60001 | Fits 1/4 inch ID Tubing (0.25 inch, 6.35 mm) | PP | Natural | Style D |
| NEW! | 61409 | Fits 1/4 inch ID Tubing (0.25 inch, 6.35 mm) | PP | Natural | Style C |
| | HT8 | Fits 1/4 inch ID Tubing (0.25 inch, 6.35 mm) | PP | Natural | Style F |
| | 60002 | Fits 5/16 inch ID Tubing (0.313 inch, 7.94 mm) | PP | Natural | Style D |
| | 61410 | Fits 3/8 inch ID Tubing (0.375 inch, 9.53 mm) | PP | Natural | Style B |
| | 60003 | Fits 3/8 inch ID Tubing (0.375 inch, 9.53 mm) | PP | Natural | Style B |
| | 61432 | Fits 3/8 inch ID Tubing (0.375 inch, 9.53 mm) | PP | Natural | Style C |
| | HT12 | Fits 3/8 inch ID Tubing (0.375 inch, 9.53 mm) | PP | Natural | Style F |
| | 61411 | Fits 1/2 inch ID Tubing (0.5 inch, 12.7 mm) | PP | Natural | Style B |
| | 60004 | Fits 1/2 inch ID Tubing (0.5 inch, 12.7 mm) | PP | Natural | Style D |
| NEW! | 61433 | Fits 1/2 inch ID Tubing (0.5 inch, 12.7 mm) | PP | Natural | Style C |
| | 61412 | Fits 5/8 inch ID Tubing (0.625 inch, 15.88 mm) | PP | Natural | Style B |
| | 61118 | Fits 5/8 inch ID Tubing (0.625 inch, 15.88 mm) | PP | Natural | Style D |
| NEW! | 61413 | Fits 3/4 inch ID Tubing (0.75 inch, 19.05 mm ) | PP | Natural | Style B |
| | 61119 | Fits 3/4 inch ID Tubing (0.75 inch, 19.05 mm ) | PP | Natural | Style D |
| NEW! | 61434 | Fits 3/4 inch ID Tubing (0.75 inch, 19.05 mm ) | PP | Natural | Style C |
| | 61414 | Fits 1 inch ID Tubing (25.4 mm) | PP | Natural | Style B |
| | 61120 | Fits 1 inch ID Tubing (25.4 mm) | PP | Natural | Style D |

Body styles may vary



QOSINA Thousands of Stock Components Bioprocess

1cm






| T Connector, Barbed, Reducer | | | | | |
|---|---|---|---|---|---|
| Part No. | Top Left Port Fits | Top Right & Bottom Ports Fit | Material | Color | Barb Style |
| 11928 | 1/16 inch (0.063 inch, 1.59 mm) | 1/8 inch (0.125 inch, 3.18 mm) | PP | Natural | Style E |
| 11931 | 3/32 inch (0.094 inch, 2.38 mm) | 1/8 inch (0.125 inch, 3.18 mm) | PP | Natural | Style E |

Body styles may vary










| | T Connectors, Barbed, Reducer | | | | |
|---|---|---|---|---|---|
| | Part No. | Top Ports | Bottom Port | Material | Barb Style |
| | 61436 | Fits 1/16 inch ID Tubing (0.063 inch, 1.59 mm) | Fits 3/32 inch ID Tubing (0.094 inch, 2.38 mm) | PP | Style A |
| | 61437 | Fits 1/16 inch ID Tubing (0.063 inch, 1.59 mm) | Fits 1/8 inch ID Tubing (0.125 inch, 3.18 mm) | PP | Style A |
| | 11925 | Fits 1/16 inch ID Tubing (0.063 inch, 1.59 mm) | Fits 1/8 inch ID Tubing (0.125 inch, 3.18 mm) | PP | Style E |
| | 61531 | Fits 1/16 inch ID Tubing (0.063 inch, 1.59 mm) | Fits 1/8 inch ID Tubing (0.125 inch, 3.18 mm) | PP | Style D |
| NEW! | 61438 | Fits 3/32 inch ID Tubing (0.094 inch, 2.38 mm) | Fits 1/16 inch ID Tubing (0.062 inch, 1.59 mm) | PP | Style A |
| NEW! | 61439 | Fits 3/32 inch ID Tubing (0.094 inch, 2.38 mm) | Fits 1/8 inch ID Tubing (0.125 inch, 3.18 mm) | PP | Style A |
| | 61440 | Fits 1/8 inch ID Tubing (0.125 inch, 3.18 mm) | Fits 1/16 inch ID Tubing (0.063 inch, 1.59 mm) | PP | Style A |
| | 61533 | Fits 1/8 inch ID Tubing (0.125 inch, 3.18 mm) | Fits 1/16 inch ID Tubing (0.063 inch, 1.59 mm) | PP | Style D |
| | 61588 | Fits 1/8 inch ID Tubing (0.125 inch, 3.18 mm) | Fits 1/16 inch ID Tubing (0.063 inch, 1.59 mm) | PP | Style E |
| | 61441 | Fits 1/8 inch ID Tubing (0.125 inch, 3.18 mm) | Fits 3/32 inch ID Tubing (0.094 inch, 2.38 mm) | PP | Style A |
| | 61534 | Fits 1/8 inch ID Tubing (0.125 inch, 3.18 mm) | Fits 3/32 inch ID Tubing (0.094 inch, 2.38 mm) | PP | Style D |
| | 61589 | Fits 1/8 inch ID Tubing (0.125 inch, 3.18 mm) | Fits 3/32 inch ID Tubing (0.094 inch, 2.38 mm) | PP | Style E |
| | 61536 | Fits 1/8 inch ID Tubing (0.125 inch, 3.18 mm) | Fits 3/16 inch ID Tubing (0.187 inch, 4.76 mm) | PP | Style D |
| | 61537 | Fits 1/8 inch ID Tubing (0.125 inch, 3.18 mm) | Fits 1/4 inch ID Tubing (0.25 inch, 6.35 mm) | PP | Style D |
| | 61539 | Fits 5/32 inch ID Tubing (0.156 inch, 3.97 mm) | Fits 3/8 inch ID Tubing (0.375 inch, 9.53 mm) | PP | Style D |

Body styles may vary



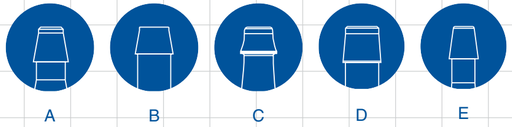
Back to Table of Contents
Connectors
Bag Ports
Bag Chambers
Sanitary Flanges, Caps & Gaskets
Clamps & Clips
Tubing
Injection & Sampling Ports
Syringes
Stopcocks & Manifolds
Valves
Filters
Tools
Sterilization Supplies
Adhesives
Swabs
Transport Tubes

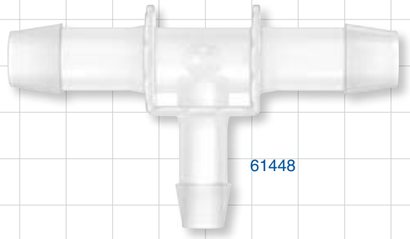
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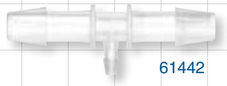
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## T Connector Barb Styles

For barb style features and information, see page 9




| | T Connectors, Barbed, Reducer | | | | |
|---|---|---|---|---|---|
| | Part No. | Top Ports | Bottom Port | Material | Barb Style |
| NEW! | 61868 | Fits 1/4 inch ID Tubing (0.25 inch, 6.35 mm) | Fits 3/32 inch ID Tubing (0.094 inch, 2.38 mm) | Kynar (PVDF) | Style E |
| | 61442 | Fits 1/4 inch ID Tubing (0.25 inch, 6.35 mm) | Fits 3/32 inch ID Tubing (0.094 inch, 2.38 mm) | PP | Style A |
| | 61592 | Fits 1/4 inch ID Tubing (0.25 inch, 6.35 mm) | Fits 3/32 inch ID Tubing (0.094 inch, 2.38 mm) | PP | Style E |
| NEW! | 61866 | Fits 1/4 inch ID Tubing (0.25 inch, 6.35 mm) | Fits 1/8 inch ID Tubing (0.125 inch, 3.18 mm) | Kynar (PVDF) | Style E |
| | 61443 | Fits 1/4 inch ID Tubing (0.25 inch, 6.35 mm) | Fits 1/8 inch ID Tubing (0.125 inch, 3.18 mm) | PP | Style A |
| | 61541 | Fits 1/4 inch ID Tubing (0.25 inch, 6.35 mm) | Fits 1/8 inch ID Tubing (0.125 inch, 3.18 mm) | PP | Style D |
| | 61593 | Fits 1/4 inch ID Tubing (0.25 inch, 6.35 mm) | Fits 1/8 inch ID Tubing (0.125 inch, 3.18 mm) | PP | Style E |
| | 61594 | Fits 1/4 inch ID Tubing (0.25 inch, 6.35 mm) | Fits 3/16 inch ID Tubing (0.187 inch, 4.76 mm) | PP | Style E |
| | 61544 | Fits 3/8 inch ID Tubing (0.375 inch, 9.53 mm) | Fits 5/32 inch ID Tubing (0.156 inch, 3.97 mm) | PP | Style D |
| | 61204 | Fits 3/8 inch ID Tubing (0.375 inch, 9.53 mm) | Fits 1/4 inch ID Tubing (0.25 inch, 6.35 mm) | PP | Style C |
| | 61545 | Fits 3/8 inch ID Tubing (0.375 inch, 9.53 mm) | Fits 1/4 inch ID Tubing (0.25 inch, 6.35 mm) | PP | Style D |
| | 61445 | Fits 3/8 inch ID Tubing (0.375 inch, 9.53 mm) | Fits 1/4 inch ID Tubing (0.25 inch, 6.35 mm) | PP | Style C |
| | 61446 | Fits 1/2 inch ID Tubing (0.5 inch, 12.7 mm) | Fits 1/4 inch ID Tubing (0.25 inch, 6.35 mm) | PP | Style A |
| | 61121 | Fits 1/2 inch ID Tubing (0.5 inch, 12.7 mm) | Fits 1/4 inch ID Tubing (0.25 inch, 6.35 mm) | PP | Style D |
| | 61447 | Fits 1/2 inch ID Tubing (0.5 inch, 12.7 mm) | Fits 1/4 inch ID Tubing (0.25 inch, 6.35 mm) | PP | Style C |
| | 61122 | Fits 1/2 inch ID Tubing (0.5 inch, 12.7 mm) | Fits 5/16 inch ID Tubing (0.313 inch, 7.94 mm) | PP | Style D |
| | 61448 | Fits 1/2 inch ID Tubing (0.5 inch, 12.7 mm) | Fits 3/8 inch ID Tubing (0.375 inch, 9.53 mm) | PP | Style A |
| | 61123 | Fits 1/2 inch ID Tubing (0.5 inch, 12.7 mm) | Fits 3/8 inch ID Tubing (0.375 inch, 9.53 mm) | PP | Style D |
| | 61449 | Fits 1/2 inch ID Tubing (0.5 inch, 12.7 mm) | Fits 3/8 inch ID Tubing (0.375 inch, 9.53 mm) | PP | Style C |

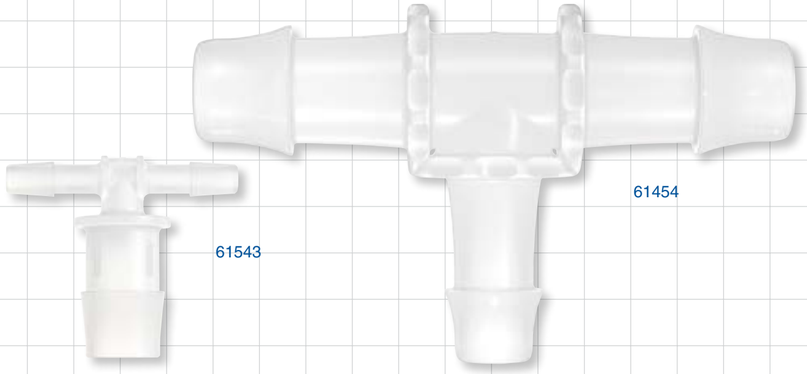
Body styles may vary



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| | T Connectors, Barbed, Reducer | | | | |
|---|---|---|---|---|---|
| | Part No. | Top Ports | Bottom Port | Material | Barb Style |
| | 61543 | Fits 5/8 inch ID Tubing (0.625 inch, 15.88 mm) | Fits 1/4 inch ID Tubing (0.25 inch, 6.35 mm) | PP | Style D |
| | 61124 | Fits 5/8 inch ID Tubing (0.625 inch, 15.88 mm) | Fits 5/16 inch ID Tubing (0.313 inch, 7.94 mm) | PP | Style D |
| | 60005 | Fits 5/8 inch ID Tubing (0.625 inch, 15.88 mm) | Fits 3/8 inch ID Tubing (0.375 inch, 9.53 mm) | PP | Style D |
| | 61450 | Fits 3/4 inch ID Tubing (0.75 inch, 19.05 mm) | Fits 3/8 inch ID Tubing (0.375 inch, 9.53 mm) | PP | Style A |
| | 60006 | Fits 3/4 inch ID Tubing (0.75 inch, 19.05 mm) | Fits 3/8 inch ID Tubing (0.375 inch, 9.53 mm) | PP | Style D |
| | 61451 | Fits 3/4 inch ID Tubing (0.75 inch, 19.05 mm) | Fits 1/2 inch ID Tubing (0.5 inch, 12.7 mm) | PP | Style A |
| | 61125 | Fits 3/4 inch ID Tubing (0.75 inch, 19.05 mm) | Fits 1/2 inch ID Tubing (0.5 inch, 12.7 mm) | PP | Style D |
| | 61452 | Fits 3/4 inch ID Tubing (0.75 inch, 19.05 mm) | Fits 1/2 inch ID Tubing (0.5 inch, 12.7 mm) | PP | Style C |
| | 61126 | Fits 3/4 inch ID Tubing (0.75 inch, 19.05 mm) | Fits 5/8 inch ID Tubing (0.625 inch, 15.88 mm) | PP | Style D |
| | 61127 | Fits 1 inch ID Tubing (25.4 mm) | Fits 5/8 inch ID Tubing (0.625 inch, 15.88 mm) | PP | Style D |
| | 61454 | Fits 1 inch ID Tubing (25.4 mm) | Fits 3/4 inch ID Tubing (0.75 inch, 19.05 mm) | PP | Style C |
| NEW! | 61205 | Fits 1 inch ID Tubing (25.4 mm) | Fits 3/4 inch ID Tubing (0.75 inch, 19.05 mm) | PP | Style B |

Body styles may vary



Back to Table of Contents

Connectors

Bag Ports

Bag Chambers

Sanitary Flanges, Caps & Gaskets

Clamps & Clips

Tubing

Injection & Sampling Ports

Syringes

Stopcocks & Manifolds

Valves

Filters

Tools

Sterilization Supplies

Adhesives

Swabs

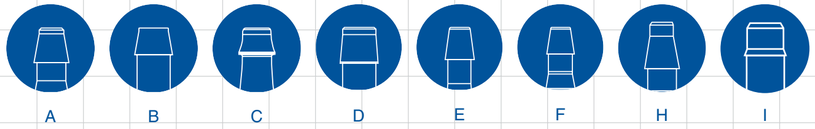
Transport Tubes

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1cm

## Elbow Connector Barb Styles

For barb style features and information, see page 9







| Elbow Connector, Barbed | | | | | |
|---|---|---|---|---|---|
| | Part No. | Measurement | Material | Color | Barb Style |
| | 11693 | Fits 1/16 inch ID Tubing (0.063 inch, 1.59 mm) | PP | Natural | Style E |
| | 11919 | Fits 1/16 inch ID Tubing (0.063 inch, 1.59 mm) | PP | Natural | Style E |
| | 61675 | Fits 1/16 inch ID Tubing (0.063 inch, 1.59 mm) | PP | Natural | Style D |
| | 61610 | Fits 1/16 inch ID Tubing (0.063 inch, 1.59 mm) | PP | Natural | Style A |
| | HE2 | Fits 1/16 inch ID Tubing (0.063 inch, 1.59 mm) | PP | Natural | Style F |
| NEW! | 62010 | Fits 3/32 inch ID Tubing (0.094 inch, 2.38 mm) | PP | Natural | Style H |
| NEW! | 62015 | Fits 3/32 inch ID Tubing (0.094 inch, 2.38 mm) | PP | Natural | Style I |
| | 11695 | Fits 3/32 inch ID Tubing (0.094 inch, 2.38 mm) | PP | Natural | Style E |
| | 11922 | Fits 3/32 inch ID Tubing (0.094 inch, 2.38 mm) | PP | Natural | Style E |
| | 61677 | Fits 3/32 inch ID Tubing (0.094 inch, 2.38 mm) | PP | Natural | Style D |
| | 61612 | Fits 3/32 inch ID Tubing (0.094 inch, 2.38 mm) | PP | Natural | Style A |
| | HE3 | Fits 3/32 inch ID Tubing (0.094 inch, 2.38 mm) | PP | Natural | Style F |
| NEW! | 62012 | Fits 1/8 inch ID Tubing (0.125 inch, 3.18 mm) | PP | Natural | Style H |
| | 11697 | Fits 1/8 inch ID Tubing (0.125 inch, 3.18 mm) | PP | Natural | Style E |
| | 61680 | Fits 1/8 inch ID Tubing (0.125 inch, 3.18 mm) | PP | Natural | Style D |
| NEW! | 61615 | Fits 1/8 inch ID Tubing (0.125 inch, 3.18 mm) | PP | Natural | Style A |
| NEW! | 62016 | Fits 1/8 inch ID Tubing (0.125 inch, 3.18 mm) | PP | Natural | Style I |
| | HE4 | Fits 1/8 inch ID Tubing (0.125 inch, 3.18 mm) | PP | Natural | Style F |
| NEW! | 62013 | Fits 5/32 inch ID Tubing (0.156 inch, 3.97 mm) | PP | Natural | Style H |
| | 11810 | Fits 5/32 inch ID Tubing (0.156 inch, 3.97 mm) | PP | Natural | Style E |
| | 61681 | Fits 5/32 inch ID Tubing (0.156 inch, 3.97 mm) | PP | Natural | Style D |
| | HE5 | Fits 5/32 inch ID Tubing (0.156 inch, 3.97 mm) | PP | Natural | Style F |

Body styles may vary



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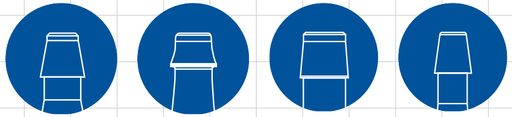

| Elbow Connector, Barbed | | | | | |
|---|---|---|---|---|---|
| | Part No. | Measurement | Material | Color | Barb Style |
| NEW! | 62017 | Fits 3/16 inch ID Tubing (0.187 inch, 4.76 mm) | PP | Natural | Style H |
| | 11813 | Fits 3/16 inch ID Tubing (0.187 inch, 4.76 mm) | PP | Natural | Style E |
| | 61682 | Fits 3/16 inch ID Tubing (0.187 inch, 4.76 mm) | PP | Natural | Style D |
| | HE6 | Fits 3/16 inch ID Tubing (0.187 inch, 4.76 mm) | PP | Natural | Style F |
| NEW! | 65137 | Fits 1/4 inch ID Tubing (0.25 inch, 6.35 mm) | PP | Natural | Style H |
| | 11819 | Fits 1/4 inch ID Tubing (0.25 inch, 6.35 mm) | PP | Natural | Style E |
| | 60007 | Fits 1/4 inch ID Tubing (0.25 inch, 6.35 mm) | PP | Natural | Style E |
| | HE8 | Fits 1/4 inch ID Tubing (0.25 inch, 6.35 mm) | PP | Natural | Style F |
| | 60008 | Fits 5/16 inch ID Tubing (0.313 inch 7.94 mm) | PP | Natural | Style D |
| | 60009 | Fits 3/8 inch ID Tubing (0.375 inch, 9.53 mm) | PP | Natural | Style E |
| | 61618 | Fits 3/8 inch ID Tubing (0.375 inch, 9.53 mm) | PP | Natural | Style C |
| | HE12 | Fits 3/8 inch ID Tubing (0.375 inch, 9.53 mm) | PP | Natural | Style F |
| | 60010 | Fits 1/2 inch ID Tubing (0.5 inch, 12.7 mm) | PP | Natural | Style D |
| | 61620 | Fits 1/2 inch ID Tubing (0.5 inch, 12.7 mm) | PP | Natural | Style C |
| | 61113 | Fits 5/8 inch ID Tubing (0.625 inch, 15.88 mm) | PP | Natural | Style D |
| | 61623 | Fits 3/4 inch ID Tubing (0.75 inch, 19.05 mm) | PP | Natural | Style C |
| | 61114 | Fits 3/4 inch ID Tubing (0.75 inch, 19.05 mm) | PP | Natural | Style D |
| | 61625 | Fits 1 inch ID Tubing (25.4 mm) | PP | Natural | Style C |
| | 61317 | Fits 1 inch ID Tubing (25.4 mm) | PP | Natural | Style B |
| | 61115 | Fits 1 inch ID Tubing (25.4 mm) | PP | Natural | Style D |

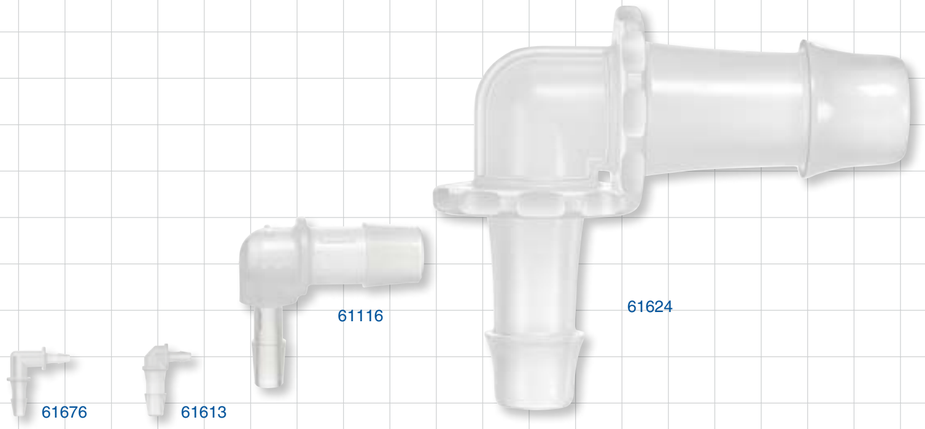
Body styles may vary

Back to Table of Contents
Connectors
Bag Ports
Bag Chambers
Sanitary Flanges, Caps & Gaskets
Clamps & Clips
Tubing
Injection & Sampling Ports
Syringes
Stopcocks & Manifolds
Valves
Filters
Tools
Sterilization Supplies
Adhesives
Swabs
Transport Tubes

## Elbow Connector Barb Styles

For barb style features and information, see page 9




| | Elbow Connector, Barbed, Reducer | | | | |
|---|---|---|---|---|---|
| | Part No. | Top Port | Bottom Port | Material | Barb Style |
| | 61676 | Fits 3/32 inch ID Tubing (0.094 inch, 2.38 mm) | Fits 1/16 inch ID Tubing (0.063 inch, 1.59 mm) | PP | Style D |
| NEW! | 61611 | Fits 3/32 inch ID Tubing (0.094 inch, 2.38 mm) | Fits 1/16 inch ID Tubing (0.063 inch, 1.59 mm) | PP | Style A |
| | 61613 | Fits 1/8 inch ID Tubing (0.125 inch, 3.18 mm) | Fits 1/16 inch ID Tubing (0.063 inch, 1.59 mm) | PP | Style A |
| | 61678 | Fits 1/8 inch ID Tubing (0.125 inch, 3.18 mm) | Fits 1/16 inch ID Tubing (0.063 inch, 1.59 mm) | PP | Style D |
| | 61614 | Fits 1/8 inch ID Tubing (0.125 inch, 3.18 mm) | Fits 3/32 inch ID Tubing (0.094 inch, 2.38 mm) | PP | Style A |
| | 61679 | Fits 1/8 inch ID Tubing (0.125 inch, 3.18 mm) | Fits 3/32 inch ID Tubing (0.094 inch, 2.38 mm) | PP | Style D |
| | 11816 | Fits 1/4 inch ID Tubing (0.25 inch, 6.35 mm) | Fits 1/8 inch ID Tubing (0.125 inch, 3.18 mm) | PP | Style E |
| | 61617 | Fits 3/8 inch ID Tubing (0.375 inch, 9.53 mm) | Fits 1/4 inch ID Tubing (0.25 inch, 6.35 mm) | PP | Style C |
| | 61116 | Fits 1/2 inch ID Tubing (0.5 inch, 12.7 mm) | Fits 1/4 inch ID Tubing (0.25 inch, 6.35 mm) | PP | Style D |
| | 61117 | Fits 1/2 inch ID Tubing (0.5 inch, 12.7 mm) | Fits 3/8 inch ID Tubing (0.375 inch 9.53 mm) | PP | Style D |
| | 61624 | Fits 1 inch ID Tubing (25.4 mm) | Fits 3/4 inch ID Tubing (0.75 inch, 19.05 mm) | PP | Style C |

Body styles may vary

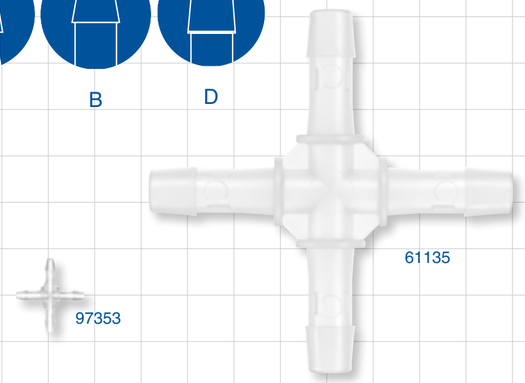




## Cross Connector Barb Styles

For barb style features and information, see page 9




| | Cross Connector, Barbed; PP | | |
|---|---|---|---|
| | Part No. | Measurement | Barb Style |
| | 97353 | Fits 1/16 inch ID Tubing (0.063 inch, 1.59 mm) | Style D |
| NEW! | 61400 | Fits 1/16 inch ID Tubing (0.063 inch, 1.59 mm) | Style A |
| NEW! | 61401 | Fits 3/32 inch ID Tubing (0.094 inch, 2.38 mm) | Style A |
| | 61402 | Fits 1/8 inch ID Tubing (0.125 inch, 3.18 mm) | Style A |
| | 97355 | Fits 1/8 inch ID Tubing (0.125 inch, 3.18 mm) | Style D |
| | 97357 | Fits 3/16 inch ID Tubing (0.187 inch, 4.76 mm) | Style D |
| NEW! | 61403 | Fits 1/4 inch ID Tubing (0.25 inch, 6.35 mm) | Style B |
| | 97358 | Fits 1/4 inch ID Tubing (0.25 inch, 6.35 mm) | Style D |
| | 61404 | Fits 3/8 inch ID Tubing (0.375 inch, 9.53 mm) | Style B |
| | 61135 | Fits 3/8 inch ID Tubing (0.375 inch, 9.53 mm) | Style D |
| | 61158 | Fits 1/2 inch ID Tubing (0.5 inch, 12.7 mm) | Style B |
| | 61136 | Fits 1/2 inch ID Tubing (0.5 inch, 12.7 mm) | Style D |
| NEW! | 62003 | Fits 3/4 inch ID Tubing (0.75 inch, 19.05 mm) | Style B |
| NEW! | 62002 | Fits 1 inch ID Tubing (25.4 mm) | Style B |
| | 61202 | Fits 3/8 inch ID x 1/4 inch ID x 1/4 inch ID x 1/4 inch ID Tubing (0.375 inch x 0.25 inch x 0.25 inch x 0.25 inch, 9.5 mm x 6.4 mm x 6.4 mm x 6.4 mm) | Style B |
| NEW! | 62004 | Fits 1 inch x 3/4 inch x 3/4 inch x 3/4 inch ID Tubing (1 inch x 0.75 inch x 0.75 inch x 0.75 inch, 25.4 mm x 19 mm x 19 mm x 19 mm) | Style B |

Body styles may vary



Back to Table of Contents
Connectors
Bag Ports
Bag Chambers
Sanitary Flanges, Caps & Gaskets
Clamps & Clips
Tubing
Injection & Sampling Ports
Syringes
Stopcocks & Manifolds
Valves
Filters
Tools
Sterilization Supplies
Adhesives
Swabs
Transport Tubes

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## Manifold Style Body Connector Barb Styles

For barb style features and information, see page 9



A

NEW!



61960
3-port F Style Manifold
Fits 1/16 inch ID Tubing (0.063 inch, 1.59 mm)
PP
Barb Style A

NEW!



61961
3-port F Style Manifold
Fits 1/8 inch ID Tubing (0.125 inch, 3.18 mm)
PP
Barb Style A



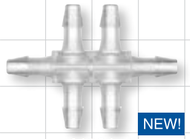
NEW!

61962
4-port Thru Flow Double Elbow Style Manifold
Fits 1/16 inch ID Tubing (0.063 inch, 1.59 mm)
PP
Barb Style A



NEW!

61963
4-port Thru Flow Double Elbow Style Manifold
Fits 1/8 inch ID Tubing (0.125 inch, 3.18 mm)
PP
Barb Style A



NEW!

61964
6-port Thru Flow Double T Style Manifold
Fits 1/8 inch ID Tubing (0.125 inch, 3.18 mm)
PP
Barb Style A





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Scan to visit Tubing Plugs at QOSINA.COM

| Press-In Plug, Barbed, Natural; PP | |
|---|---|
| Part No. | Measurement |
| 61638 | Fits 3/32 inch ID Tubing (0.094 inch, 2.38 mm) |
| NEW! 62006 | Fits 3/32 inch ID Tubing (0.094 inch, 2.38 mm) |
| 61639 | Fits 1/8 inch ID Tubing (0.125 inch, 3.18 mm) |
| NEW! 61982 | Fits 1/8 inch ID Tubing (0.125 inch, 3.18 mm) |
| NEW! 62009 | Fits 5/32 inch ID Tubing (0.156 inch, 3.97 mm) |
| 61641 | Fits 3/16 inch ID Tubing (0.187 inch, 4.76 mm) |
| 61642 | Fits 1/4 inch ID Tubing (0.25 inch, 6.35 mm) |
| 61643 | Fits 3/8 inch ID Tubing (0.375 inch, 9.53 mm) |
| NEW! 65127 | Fits 3/8 inch ID Tubing (0.375 inch, 9.53 mm) |
| 61644 | Fits 1/2 inch ID Tubing (0.5 inch, 12.7 mm) |
| NEW! 65126 | Fits 1/2 inch ID Tubing (0.5 inch, 12.7 mm) |
| 61646 | Fits 3/4 inch ID Tubing (0.75 inch, 19.05 mm) |
| 61647 | Fits 1 inch ID Tubing (25.4 mm) |



62006



61644

| Press-In Plug, Barbed, Natural; PP | |
|---|---|
| Part No. | Measurement |
| 61670 | Fits 1/16 inch ID Tubing (0.063 inch, 1.59 mm) |
| 61671 | Fits 3/32 inch ID Tubing (0.094 inch, 2.38 mm) |
| 61672 | Fits 1/8 inch ID Tubing (0.125 inch, 3.18 mm) |
| 61673 | Fits 5/32 inch ID Tubing (0.156 inch, 3.97 mm) |
| 61674 | Fits 3/16 inch ID Tubing (0.187 inch, 4.76 mm) |



51626
Fits 1/4 inch ID Tubing (0.25 inch, 6.4 mm)
PP



65824
Fits 0.276 inch ID Tubing (7.01 mm)
PC



51627
Fits 3/8 inch ID Tubing (0.375 inch, 9.53 mm)
PP

| Press-In Barbed Plug; PP | |
|---|---|
| Part No. | Measurement |
| 51628 | Fits 1/2 inch ID Tubing (0.5 inch, 12.7 mm) |



51624
Press-In Plug, Barbed
Fits 1 inch ID Tubing (25.4 mm)
PP



Back to Table of Contents
Connectors
Bag Ports
Bag Chambers
Sanitary Flanges, Caps & Gaskets
Clamps & Clips
Tubing
Injection & Sampling Ports
Syringes
Stopcocks & Manifolds
Valves
Filters
Tools
Sterilization Supplies
Adhesives
Swabs
Transport Tubes

## Luers
Male Luer Locks - Barbed

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1cm

**Scan to visit Luer Fittings at QOSINA.COM**



**11533**
Fits 1/16 inch ID Tubing (0.063 inch, 1.59 mm)
PP

| Also Available: | | |
|---|---|---|
| Part No. | Material | Color |
| LM21 | PP | Natural |
| NEW! 61980 | PP | Natural |
| 65129 | PP | Natural |



**11535**
Fits 3/32 inch ID Tubing (0.094 inch, 2.38 mm)
PP

| Also Available: | | |
|---|---|---|
| Part No. | Material | Color |
| LM31 | PP | Natural |
| NEW! 65135 | PP | Natural |
| NEW! 61981 | PP | Natural |
| NEW! LM3170 | PVDF | Natural |



**11537**
Fits 1/8 inch ID Tubing (0.125 inch, 3.18 mm)
PP

| Also Available: | | |
|---|---|---|
| Part No. | Material | Color |
| LM41 | PP | Natural |
| 61730 | PP | Natural |
| 61757 | PP | Natural |
| NEW! 65132 | PP | Natural |



**11539**
Fits 5/32 inch ID Tubing (0.156 inch, 3.97 mm)
PP

| Also Available: | | |
|---|---|---|
| Part No. | Material | Color |
| LM51 | PP | Natural |
| 61731 | PP | Natural |
| 61758 | PP | Natural |



**11541**
Fits 3/16 inch ID Tubing (0.187 inch, 4.76 mm)
PP

| Also Available: | | |
|---|---|---|
| Part No. | Material | Color |
| LM61 | PP | Natural |
| 61732 | PP | Natural |
| 61759 | PP | Natural |



**11543**
Fits 1/4 inch ID Tubing (0.25 inch, 6.35 mm)
PP

| Also Available: | | |
|---|---|---|
| Part No. | Material | Color |
| 61733 | PP | Natural |
| 61760 | PP | Natural |

## Anti-Slip Boot



**51599**
11/32 inch ID x 1/2 inch OD x 3/4 inch (0.343 inch x 0.5 inch x 0.75 inch, 8.71 mm x 12.7 mm x 19.05 mm)
Silicone

Helps prevent luer fittings from slipping apart



11550 11551



Works with most luer fittings as well as NRFit™

## Male Luer Locks - Male to Male



**12090**
PP





## Luers
Male Luer Slips - Barbed



**SLM21**
Fits 1/16 inch ID Tubing (0.063 inch, 1.59 mm)
PP

| Also Available: | |
|---|---|
| Part No. | Measurement |
| SLM31 | Fits 3/32 inch ID Tubing (0.094 inch, 2.38 mm) |
| SLM51 | Fits 5/32 inch ID Tubing (0.156 inch, 3.97 mm) |
| SLM61 | Fits 3/16 inch ID Tubing (0.187 inch, 4.76 mm) |



**11666**
Fits 1/16 inch ID Tubing (0.063 inch, 1.59 mm)
PP

| Also Available: | |
|---|---|
| Part No. | Measurement |
| 11668 | Fits 3/32 inch ID Tubing (0.094 inch, 2.38 mm) |
| 11667 | Fits 1/8 inch ID Tubing (0.125 inch, 3.18 mm) |



**89354**
Fits 1/8 inch ID Tubing (0.125 inch, 3.18 mm)
PC

| Also Available: | |
|---|---|
| Part No. | Measurement |
| 89355 | Fits 5/32 inch ID Tubing (0.156 inch, 3.97 mm) |
| 89356 | Fits 3/16 inch ID Tubing (0.187 inch, 4.76 mm) |
| 89357 | Fits 1/4 inch ID Tubing (0.25 inch, 6.35 mm) |



**61734**
Fits 1/8 inch ID Tubing (0.125 inch, 3.18 mm)
PP

| Also Available: | |
|---|---|
| Part No. | Measurement |
| SLM41 | Fits 1/8 inch ID Tubing (0.125 inch, 3.18 mm) |
| 61735 | Fits 5/32 inch ID Tubing (0.156 inch, 3.97 mm) |
| 61736 | Fits 3/16 inch ID Tubing (0.187 inch, 4.76 mm) |

SLM41 works with LMSL fixed lock ring and LMSR spin lock ring below

## Luer Lock Rings for Male Luer Slips



**11957**
PP

| Also Available: | | |
|---|---|---|
| Part No. | Material | Color |
| 11958 | Nylon | White |
| 11959 | Nylon | Black |
| 11964 | Nylon | Yellow |
| 11965 | Nylon | Red |
| 11966 | Nylon | Green |
| 11967 | Nylon | Blue |
| 11955 | PC | Purple |
| 11956 | PC | Clear |

Works with 11952 on page 33

## Rings for Male Luer Slips



**89404**
PP



**89345**
Lipid-Resistant
PC



**LMSL**
Fixed Lock Ring
PP



**LMSR**
Spin Lock Ring
PP

## Female Luer Caps - Non-Vented



**61726**
PP

| Also Available: | |
|---|---|
| Part No. | Material |
| 61750 | PP |
| 61766 | PP |



**LCAP**
PP



Back to Table of Contents
Connectors
Bag Ports
Bag Chambers
Sanitary Flanges, Caps & Gaskets
Clamps & Clips
Tubing
Injection & Sampling Ports
Syringes
Stopcocks & Manifolds
Valves
Filters
Tools
Sterilization Supplies
Adhesives
Swabs
Transport Tubes

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## Luers
### Female Luer Locks - Barbed



**11532**
Fits 1/16 inch ID Tubing
(0.063 inch, 1.59 mm)
PP

| Also Available: | | | |
|---|---|---|---|
| Part No. | Material | Color | |
| NEW! 61978 | PP | Natural | ☐ |
| LF21 | PP | Natural | ☐ |
| 65130 | PP | Natural | ☐ |



**11536**
Fits 1/8 inch ID Tubing
(0.125 inch, 3.18 mm)
PP

| Also Available: | | | |
|---|---|---|---|
| Part No. | Material | Color | |
| 61738 | PP | Natural | ☐ |
| 61742 | PP | Natural | ☐ |
| 61761 | PP | Natural | ☐ |
| NEW! 65131 | PP | White | ☐ |
| LF4170 | Kynar (PVDF) | Natural | ☐ |
| LF41 | PP | Natural | ☐ |



**11540**
Fits 3/16 inch ID Tubing
(0.187 inch, 4.76 mm)
PP

| Also Available: | | | |
|---|---|---|---|
| Part No. | Material | Color | |
| 61740 | PP | Natural | ☐ |
| 61744 | PP | Natural | ☐ |
| 61763 | PP | Natural | ☐ |
| LF61 | PP | Natural | ☐ |



**ALF41**
Fits 1/8 inch ID Tubing
(0.125 inch, 3.18 mm)
PP



**11760**
**Barbed with Wings**
Fits 3/32 inch ID Tubing
(0.094 inch, 2.38 mm)
PP



**ALF51**
0.17 inch Hose Barb
(4.32 mm)
PP



**11534**
Fits 3/32 inch ID Tubing
(0.094 inch, 2.38 mm)
PP

| Also Available: | | | |
|---|---|---|---|
| Part No. | Material | Color | |
| NEW! 61979 | PP | Natural | ☐ |
| LF31 | PP | Natural | ☐ |



**11538**
Fits 5/32 inch ID Tubing
(0.156 inch, 3.97 mm)
PP

| Also Available: | | | |
|---|---|---|---|
| Part No. | Material | Color | |
| 61739 | PP | Natural | ☐ |
| 61743 | PP | Natural | ☐ |
| 61762 | PP | Natural | ☐ |
| LF51 | PP | Natural | ☐ |



**11542**
Fits 1/4 inch ID Tubing
(0.25 inch, 6.35 mm)
PP

| Also Available: | | | |
|---|---|---|---|
| Part No. | Material | Color | |
| 61741 | PP | Natural | ☐ |
| 61745 | PP | Natural | ☐ |
| 61764 | PP | Natural | ☐ |

| Also Available: | | | | |
|---|---|---|---|---|
| Part No. | Measurement | Material | Color | |
| 11762 | Fits 1/8 inch ID Tubing (0.125 inch, 3.18 mm) | PP | Natural | ☐ |



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## Luers
### Female Luer Locks - Female to Male



**61756**
PP



**61747**
PP



**61748**
PP



**61724**
PP



**17642**
PP

### Male Luer Caps - Vented



**65412**
PP



**65414**
PP



**65798**
PP



**12084**
**No Stem**
PP

### Male Luer Caps - Non-Vented



**12674**
HDPE



**65818**
PP



**11497**
PP



**61749**
PP



**61765**
PP



**65136**
PP



**65374**
**Recessed Stem**
PP



**65506**
**Recessed Stem**
PP



**65372**
**No Stem**
PC



**65511**
PP

### T Connectors



**61754**
Top Left Port Female Luer Lock
Top Right Port Male Luer Slip
Bottom Port Male Luer Slip
PP



**61755**
Top Left Port Female Luer Lock
Top Right Port Male Luer Slip
Bottom Port Female Luer Lock
PP



NEW!

**61751**
All Ports
Female Luer Locks
PP

### Elbow Connectors

11952 works with Spin Locks
11955 - 11957 on page 31



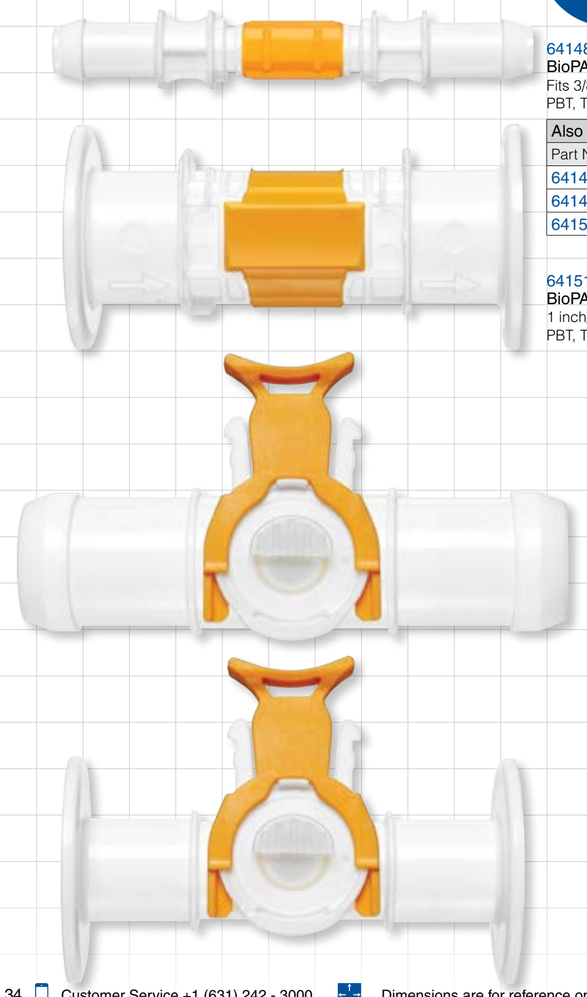
**11952**
**Female Luer Lock**
**Male Luer Slip**
PP



Back to Table of Contents
Connectors
Bag Ports
Bag Chambers
Sanitary Flanges, Caps & Gaskets
Clamps & Clips
Tubing
Injection & Sampling Ports
Syringes
Stopcocks & Manifolds
Valves
Filters
Tools
Sterilization Supplies
Adhesives
Swabs
Transport Tubes

## BioPAT® Flow Pipes

- Integrate into any single-use tube assembly without introducing bends or changing the inner diameter
- For use with BioPAT® flow clamp



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64148
**BioPAT® Flow Pipe, Barbed**
Fits 3/8 inch ID Tubing (0.375 inch, 9.55 mm)
PBT, TPE

| Also Available: | |
|---|---|
| Part No. | Measurement |
| 64147 | Fits 1/4 inch ID Tubing (0.25 inch, 6.35 mm) |
| 64149 | Fits 1/2 inch ID Tubing (0.5 inch, 12.7 mm) |
| 64150 | Fits 3/4 inch ID Tubing (0.75 inch, 19.05 mm) |

64151
**BioPAT® Flow Pipe, Sanitary Flange**
1 inch/1.5 inch Standard Flange
PBT, TPE

## BioPAT® Pressure Pipes

- Non-invasive pressure measurement
- Use with BioPAT® pressure transmitter

64145
**BioPAT® Pressure Pipe, Barbed**
Fits 1 inch ID Tubing (25.4 mm)
PBT, TPE

| Also Available: | |
|---|---|
| Part No. | Measurement |
| 64140 | Fits 1/4 inch ID Tubing (0.25 inch, 6.35 mm) |
| 64141 | Fits 3/8 inch ID Tubing (0.375 inch, 9.53 mm) |
| 64142 | Fits 1/2 inch ID Tubing (0.5 inch, 12.7 mm) |
| 64143 | Fits 3/4 inch ID Tubing (0.75 inch, 19.05 mm) |

64144
**BioPAT® Pressure Pipe, Sanitary Flange**
1 inch/1.5 inch Standard Flange
3/4 inch Bore
PBT, TPE

| Also Available: | |
|---|---|
| Part No. | Measurement |
| 64146 | 1 inch/1.5 inch Standard Flange; 1 inch Bore |



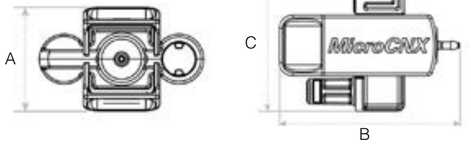
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1cm



Scan to visit Aseptic Connectors at QOSINA.COM

Building on the inventiveness of CPC, the leader in single-use connection technology, the MicroCNX™ line introduces a new category of aseptic micro-connectors that provide a simple, efficient method of connecting tubing for small format biomanufacturing assemblies. Process engineers and operators specify MicroCNX sterile micro-connectors as the modern alternative to the cumbersome, industrial process of tube welding. The MicroCNX line is engineered specifically for the challenging conditions of biologic media transfer in bioprocessing, cell therapy and gene therapy applications.






A = Height/Diameter
B = Total Length
C = Barb Length



Left View Right View

| | Genderless Aseptic Connector; PC, Silicone, PP, Hydrophobic PES | | |
|---|---|---|---|
| | Straight-Thru | Hose Barb | A x B x C |
| NEW! | CNX17001HT | Fits 1/16 inch ID Tubing (0.063 inch, 1.59 mm) | 0.93 inch x 2.05 inch x 1.49 inch (23.6 mm x 52.1 mm x 37.8 mm) |
| NEW! | CNX17003HT | Fits 3/32 inch ID Tubing (0.094 inch, 2.38 mm) | 0.93 inch x 2.16 inch x 1.49 inch (23.6 mm x 54.9 mm x 37.8 mm) |
| NEW! | CNX17002HT | Fits 1/8 inch ID Tubing (0.125 inch, 3.18 mm) | 0.93 inch x 2.25 inch x 1.49 inch (23.6 mm x 57.2 mm x 37.8 mm) |

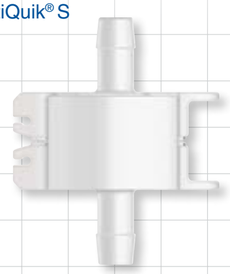


Back to Table of Contents
Connectors
Bag Ports
Bag Chambers
Sanitary Flanges, Caps & Gaskets
Clamps & Clips
Tubing
Injection & Sampling Ports
Syringes
Stopcocks & Manifolds
Valves
Filters
Tools
Sterilization Supplies
Adhesives
Swabs
Transport Tubes

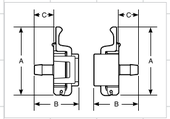
QOSINA Thousands of Stock Components
Bioprocess

1cm

AseptiQuik® S small format connectors provide quick and easy sterile connections for small-flow applications, even in non-sterile environments. The "FLIP-CLICK-PULL" design of AseptiQuik® S enables users to easily transfer small volumes with less risk of operator error. The genderless and robust design delivers reliable performance without the need for clamps, fixtures or tube welders. And the laser-etched data code provides access to key product information. Biopharmaceutical manufacturers can now make sterile connections with the quality and market availability they expect from the leader in single-use connection technology.



Shown Assembled




Straight-Thru

A = Height/Diameter
B = Total Length
C = Barb Length



| In-Line Hose Barb; PC, Silicone, PE | | |
|---|---|---|
| Straight-Thru | Tubing Size | A x B x C |
| AQS17002 | 1/8 inch ID Tubing (3.2 mm) | 2.25 inch x 1.3 inch x 0.5 inch (57.2 mm x 33 mm x 12.7 mm) |
| AQS17004 | 1/4 inch ID Tubing (6.4 mm) | 2.25 inch x 1.45 inch x 0.65 inch (57.2 mm x 36.8 mm x 16.5 mm) |
| AQS17006 | 3/8 inch ID Tubing (9.53 mm) | 2.25 inch x 1.45 inch x 0.65 inch (57.2 mm x 36.8 mm x 16.5 mm) |



High Temperature

| High Temperature In-Line Hose Barb; PC, Silicone, PES | | |
|---|---|---|
| Straight-Thru | Tubing Size | A x B x C |
| AQS17002HT | 1/8 inch ID Tubing (3.2 mm) | 2.25 inch x 1.3 inch x 0.5 inch (57.2 mm x 33 mm x 12.7 mm) |
| AQS17004HT | 1/4 inch ID Tubing (6.4 mm) | 2.25 inch x 1.45 inch x 0.65 inch (57.2 mm x 36.8 mm x 16.5 mm) |
| AQS17006HT | 3/8 inch ID Tubing (9.53 mm) | 2.25 inch x 1.45 inch x 0.65 inch (57.2 mm x 36.8 mm x 16.5 mm) |



| Sanitary; PC, Silicone, PE | | |
|---|---|---|
| Straight-Thru | Termination Size | A x B x C |
| AQS33004 | 1/4 inch Sanitary (6.4 mm) | 2.25 inch x 1.5 inch x 0.7 inch (57.2 mm x 38.1 mm x 17.78 mm) |
| AQS33012 | 3/4 inch Sanitary (19.05 mm) | 2.25 inch x 1.6 inch x 0.8 inch (57.2 mm x 40.64 mm x 20.3 mm) |



High Temperature

| High Temperature Sanitary; PC, Silicone, PES | | |
|---|---|---|
| Straight-Thru | Termination Size | A x B x C |
| AQS33004HT | 1/4 inch Sanitary (6.4 mm) | 2.25 inch x 1.5 inch x 0.7 inch (57.2 mm x 38.1 mm x 17.78 mm) |
| AQS33012HT | 3/4 inch Sanitary (19.05 mm) | 2.25 inch x 1.6 inch x 0.8 inch (57.2 mm x 40.64 mm x 20.3 mm) |



| MPC Insert; PC, Silicone, PE | |
|---|---|
| Straight-Thru | A x B x C |
| AQS17MPC | 2.25 inch x 1.49 inch x 0.69 inch (57.2 mm x 37.85 mm x 17.53 mm) |



High Temperature

| High Temperature MPC Insert; PC, Silicone, PES | |
|---|---|
| Straight-Thru | A x B x C |
| AQS17MPCHT | 2.25 inch x 1.49 inch x 0.69 inch (57.2 mm x 37.85 mm x 17.53 mm) |





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Genderless AseptiQuik® L Connectors enable quick and easy sterile connections, in large-volume, high-flow production environments. The large-format, 3/4", 1", and 1-1/2" sanitary genderless design simplifies system integration and minimizes the risk of operator error. The connectors' robust construction provides reliable performance without the need for clamps, fixtures or tube welders. Biopharmaceutical manufacturers benefit from interchangeable 3/4" and 1", and 1-1/2" sanitary flow solutions for full-scale bioprocessing production environments with the quality and market availability they expect from the leader in single-use connection technology.



Shown Assembled



| In-Line Hose Barb; PC, Silicone, PE | | |
|---|---|---|
| Straight-Thru | Tubing Size | A x B x C |
| AQL17012 | 3/4 inch (0.75 inch, 19.05 mm) | 4.22 inch x 2.95 inch x 1.5 inch (107.19 mm x 74.93 mm x 38.1 mm) |
| AQL17016 | 1 inch (25.4 mm) | 4.22 inch x 3.15 inch x 1.7 inch (107.19 mm x 80.01 mm x 43.18 mm) |



| High Temperature In-Line Hose Barb; PC, Silicone, PES | | |
|---|---|---|
| Straight-Thru | Tubing Size | A x B x C |
| AQL17012HT | 3/4 inch (0.75 inch, 19.05 mm) | 4.22 inch x 2.95 inch x 1.5 inch (107.19 mm x 74.93 mm x 38.1 mm) |
| AQL17016HT | 1 inch (25.4 mm) | 4.22 inch x 3.15 inch x 1.7 inch (107.19 mm x 80.01 mm x 43.18 mm) |



| Sanitary; PC, Silicone, PE | | |
|---|---|---|
| Straight-Thru | Termination Size | A x B x C |
| AQL33024 | 1 1/2 inch Sanitary (1.5 inch, 38.1 mm) | 4.22 inch x 3.4 inch x 1.95 inch (107.19 mm x 86.36 mm x 49.53 mm) |



| High Temperature Sanitary; PC, Silicone, PES | | |
|---|---|---|
| Straight-Thru | Termination Size | A x B x C |
| AQL33024HT | 1 1/2 inch Sanitary (1.5 inch, 38.1 mm) | 4.22 inch x 3.4 inch x 1.95 inch (107.19 mm x 86.36 mm x 49.53 mm) |



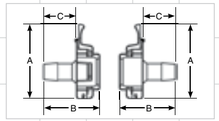
Back to Table of Contents
Connectors
Bag Ports
Bag Chambers
Sanitary Flanges, Caps & Gaskets
Clamps & Clips
Tubing
Injection & Sampling Ports
Syringes
Stopcocks & Manifolds
Valves
Filters
Tools
Sterilization Supplies
Adhesives
Swabs
Transport Tubes

QOSINA Thousands of Stock Components
Bioprocess

1cm

## AseptiQuik® G

Genderless AseptiQuik® G Connectors enable quick and easy sterile connections, even in non-sterile environments. The "FLIP-CLICK-PULL" genderless design simplifies system integration and minimizes the risk of operator error. The connectors' robust construction delivers enhanced user confidence and reliable performance without the need for clamps, fixtures or tube welders. And the laser-etched data code provides access to key product information. Biopharmaceutical manufacturers benefit from a full range of interchangeable flow solutions with the quality and market availability they expect from the leader in single-use connection technology.




Straight-Thru

A = Height/Diameter
B = Total Length (Straight-Thru/Shut-Off)
C = Barb Length



Shown Assembled



| In-Line Hose Barb; PC, Silicone, PE | | |
|---|---|---|
| Straight-Thru | Tubing Size | A x B x C |
| AQG17004 | 1/4 inch Hose Barb (0.25 inch, 6.4 mm) | 2.62 inch x 1.62 inch x 0.82 inch (66.55 mm x 41.15 mm x 20.82 mm) |
| AQG17006 | 3/8 inch Hose Barb (0.375 inch, 9.53 mm) | 2.62 inch x 1.62 inch x 0.82 inch (66.55 mm x 41.15 mm x 20.82 mm) |
| AQG17008 | 1/2 inch Hose Barb (0.5 inch, 12.7 mm) | 2.62 inch x 1.95 inch x 1.15 inch (66.55 mm x 49.53 mm x 29.21 mm) |
| AQG17012 | 3/4 inch Hose Barb (0.75 inch, 19.05 mm) | 2.62 inch x 2.36 inch x 1.56 inch (66.55 mm x 59.94 mm x 39.62 mm) |



High Temperature

| High Temperature In-Line Hose Barb; PC, Silicone, PES | | |
|---|---|---|
| Straight-Thru | Tubing Size | A x B x C |
| AQG17004HT | 1/4 inch Hose Barb (0.25 inch, 6.4 mm) | 2.62 inch x 1.62 inch x 0.82 inch (66.55 mm x 41.15 mm x 20.82 mm) |
| AQG17006HT | 3/8 inch Hose Barb (0.375 inch, 9.53 mm) | 2.62 inch x 1.62 inch x 0.82 inch (66.55 mm x 41.15 mm x 20.82 mm) |
| AQG17008HT | 1/2 inch Hose Barb (0.5 inch, 12.7 mm) | 2.62 inch x 1.95 inch x 1.15 inch (66.55 mm x 49.53 mm x 29.21 mm) |
| AQG17012HT | 3/4 inch Hose Barb (0.75 inch, 19.05 mm) | 2.62 inch x 2.36 inch x 1.56 inch (66.55 mm x 59.94 mm x 39.62 mm) |



| Sanitary; PC, Silicone, PE | | |
|---|---|---|
| Straight-Thru | Termination Size | A x B x C |
| AQG33012 | 3/4 inch Sanitary (0.75 inch, 19.05 mm) | 2.62 inch x 1.66 inch x 0.86 inch (66.55 mm x 42.16 mm x 21.84 mm) |
| AQG33024 | 1 1/2 inch Sanitary (1.5 inch, 38.1 mm) | 2.62 inch x 2.86 inch x 2.02 inch (66.55 mm x 72.64 mm x 51.31 mm) |



High Temperature

| High Temperature Sanitary; PC, Silicone, PES | | |
|---|---|---|
| Straight-Thru | Termination Size | A x B x C |
| AQG33012HT | 3/4 inch Sanitary (0.75 inch, 19.05 mm) | 2.62 inch x 1.66 inch x 0.86 inch (66.55 mm x 42.16 mm x 21.84 mm) |
| AQG33024HT | 1 1/2 inch Sanitary (1.5 inch, 38.1 mm) | 2.62 inch x 2.86 inch x 2.02 inch (66.55 mm x 72.64 mm x 52.31 mm) |

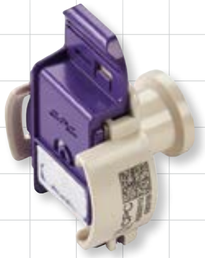


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## AseptiQuik® G





| NEW! | In-Line Hose Barb; PPSU, PC, Silicone, PE | | |
|---|---|---|---|
| | Straight-Thru | Tubing Size | A x B x C |
| NEW! | AQG17104 | 1/4 inch Hose Barb (0.25 inch, 6.4 mm) | 2.62 inch x 1.62 inch x 0.82 inch (66.55 mm x 41.15 mm x 20.82 mm) |
| NEW! | AQG17106 | 3/8 inch Hose Barb (0.375 inch, 9.53 mm) | 2.62 inch x 1.62 inch x 0.82 inch (66.55 mm x 41.15 mm x 20.82 mm) |
| NEW! | AQG17108 | 1/2 inch Hose Barb (0.5 inch, 12.7 mm) | 2.62 inch x 1.95 inch x 1.15 inch (66.55 mm x 49.53 mm x 29.21 mm) |
| NEW! | AQG17112 | 3/4 inch Hose Barb (0.75 inch, 19.05 mm) | 2.62 inch x 2.36 inch x 1.56 inch (66.55 mm x 59.94 mm x 39.62 mm) |

| NEW! | Sanitary; PPSU, PC, Silicone, PE | | |
|---|---|---|---|
| | Straight-Thru | Termination Size | A x B x C |
| NEW! | AQG33112 | 3/4 inch Sanitary (0.75 inch, 19.05 mm) | 2.62 inch x 1.66 inch x 0.86 inch (66.55 mm x 42.16 mm x 21.84 mm) |

## AseptiQuik® G DC

AseptiQuik® G DC Series Connector is the first all-in-one, genderless, single-use connection technology to offer both a sterile connection and a sterile disconnection. With the AseptiQuik G DC connector, manufacturers can make quick and easy sterile connections and disconnections – even in non-sterile environments.

The intuitive Flip - Click - Pull design of the AseptiQuik G DC connector enables users to transfer media easily with less risk of operator error. After transfer is complete, a simple two-step disconnection maintains media sterility by preventing environmental ingress into the media flow path.

The connector's robust design and automatic shutoff valves provide reliable performance without the need for fixtures or tube welders/sealers.



| NEW! | In-Line Hose Barb; PC, Silicone, Nickel Alloy, PE | | |
|---|---|---|---|
| | Straight-Thru | Tubing Size | A x B x C |
| NEW! | AQGDC17004 | 1/4 inch Hose Barb (0.25 inch, 6.4 mm) | 2.62 inch x 4.37 inch x 0.60 inch (66.55 mm x 111.0 mm x 15.2 mm) |
| NEW! | AQGDC17006 | 3/8 inch Hose Barb (0.375 inch, 9.53 mm) | 2.62 inch x 4.37 inch x 0.60 inch (66.55 mm x 111.0 mm x 15.2 mm) |
| NEW! | AQGDC17008 | 1/2 inch Hose Barb (0.5 inch, 12.7 mm) | 2.62 inch x 4.66 inch x 0.89 inch (66.55 mm x 118.4 mm x 22.6 mm) |



Back to Table of Contents
Connectors
Bag Ports
Bag Chambers
Sanitary Flanges, Caps & Gaskets
Clamps & Clips
Tubing
Injection & Sampling Ports
Syringes
Stopcocks & Manifolds
Valves
Filters
Tools
Sterilization Supplies
Adhesives
Swabs
Transport Tubes

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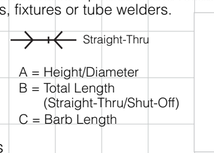
## Aseptic Connectors

### AseptiQuik® C

The AseptiQuik® C Series Connectors provide quick and easy sterile connections, even in non-sterile environments. These connectors feature a "CLICK-PULL-TWIST" design, which allows users to transfer media easily and reduces complexity and risk of operator error. An audible CLICK confirms the initial connection, the PULL tabs allow simultaneous and secure removal of both membranes, and a simple TWIST of the integrated lock ring provides a secure final assembly, which is confirmed by the final click. Its robust construction ensures repeatable and reliable performance without the need for additional hardware, such as clamps, fixtures or tube welders.



Shown Assembled




### Coupling Bodies



| In-Line Hose Barb; PC, PP, Silicone, PE | | | |
|---|---|---|---|
| Straight-Thru | Tubing Size | Flow | A x B x C |
| AQC17006 | 3/8 inch ID Tubing (0.375 inch, 9.5 mm) | 0.34 inch (8.6 mm) | 2.36 inch x 2.74 inch x 0.65 inch (59.9 mm x 69.6 mm x 16.5 mm) |
| AQC17008 | 1/2 inch ID Tubing (0.5 inch, 12.7 mm) | 1/2 inch (12.7 mm) | 2.36 inch x 2.95 inch x 0.89 inch (59.9 mm x 74.9 mm x 22.6 mm) |
| High Temperature **In-Line Hose Barb**; PC, PP, Silicone, PES | | | |
| Straight-Thru | Tubing Size | Flow | A x B x C |
| NEW! AQC17006HT | 3/8 inch ID Tubing (0.375 inch, 9.5 mm) | 0.34 inch (8.6 mm) | 2.36 inch x 2.74 inch x 0.65 inch (59.9 mm x 69.6 mm x 16.5 mm) |
| NEW! AQC17008HT | 1/2 inch ID Tubing (0.5 inch, 12.7 mm) | 1/2 inch (12.7 mm) | 2.36 inch x 2.95 inch x 0.89 inch (59.9 mm x 74.9 mm x 22.6 mm) |



| Sanitary; PC, PP, Silicone, PE | | | |
|---|---|---|---|
| Straight-Thru | Termination Size | Flow | A x B x C |
| AQC33012 | 3/4 inch Sanitary (0.75 inch, 19.05 mm) | 1/2 inch (12.7 mm) | 2.36 inch x 2.73 inch x 0.7 inch (59.9 mm x 69.3 mm x 17.8 mm) |
| **High Temperature Sanitary**; PC, Silicone, PES | | | |
| Straight-Thru | Termination Size | Flow | A x B x C |
| AQC33012HT | 3/4 inch Sanitary (0.75 inch, 19.05 mm) | 1/2 inch (12.7 mm) | 2.36 inch x 2.73 inch x 0.7 inch (59.9 mm x 69.3 mm x 17.8 mm) |

### Coupling Inserts





| In-Line Hose Barb; PC, Silicone, PE | | | |
|---|---|---|---|
| Straight-Thru | Tubing Size | Flow | A x B x C |
| AQC22006 | 3/8 inch ID Tubing (0.375 inch, 9.5 mm) | 0.34 inch (8.6 mm) | 2.5 inch x 2.9 inch x 0.65 inch (63.5 mm x 73.7 mm x 16.5 mm) |
| AQC22008 | 1/2 inch ID Tubing (0.5 inch, 12.7 mm) | 1/2 inch (12.7 mm) | 2.5 inch x 2.99 inch x 0.89 inch (63.5 mm x 75.9 mm x 22.6 mm) |
| High Temperature **In-Line Hose Barb**; PC, Silicone, PES | | | |
| Straight-Thru | Tubing Size | Flow | A x B x C |
| NEW! AQC22006HT | 3/8 inch ID Tubing (0.375 inch, 9.5 mm) | 0.34 inch (8.6 mm) | 2.5 inch x 2.9 inch x 0.65 inch (63.5 mm x 73.7 mm x 16.5 mm) |
| NEW! AQC22008HT | 1/2 inch ID Tubing (0.5 inch, 12.7 mm) | 1/2 inch (12.7 mm) | 2.5 inch x 2.99 inch x 0.89 inch (63.5 mm x 75.9 mm x 22.6 mm) |
| **Sanitary**; PC, Silicone, PE | | | |
| Straight-Thru | Termination Size | Flow | A x B x C |
| AQC44012 | 3/4 inch Sanitary (0.75 inch, 19.05 mm) | 1/2 inch (12.7 mm) | 2.5 inch x 2.8 inch x 0.7 inch (63.5 mm x 71.1 mm x 17.8 mm) |
| **High Temperature Sanitary**; PC, Silicone, PES | | | |
| Straight-Thru | Termination Size | Flow | A x B x C |
| AQC44012HT | 3/4 inch Sanitary (0.75 inch, 19.05 mm) | 1/2 inch (12.7 mm) | 2.5 inch x 2.8 inch x 0.7 inch (63.5 mm x 71.1 mm x 17.8 mm) |



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## Aseptic Connectors

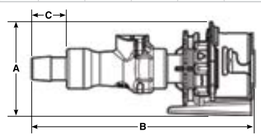
### AseptiQuik® C DC

AseptiQuik® DC Connectors are the first all-in-one single-use connection technology to offer both a sterile connection and a sterile disconnection. With the AseptiQuik® DC Connector, manufacturers can make a quick and easy sterile connection and disconnection, even in non-sterile environments.

AseptiQuik® DC's intuitive "CLICK-PULL-TWIST" design enables users to transfer media easily with less risk of operator error. After transfer is complete, the connector features a simple one-step disconnection that maintains media sterility by preventing external organisms from entering into the media flow path. The connector's robust design and automatic shut-off valves provide reliable performance without the need for sanitary clamps, fixtures or tube welders.



Shown Assembled




### Coupling Bodies



| In-Line Hose Barb; PC, Silicone, PE, SS | | | |
|---|---|---|---|
| Shut-Off | Tubing Size | Flow | A x B x C |
| AQCDC17004 | 1/4 inch ID Tubing (0.25 inch, 6.4 mm) | 1/4 inch (0.25 inch, 6.4 mm) | 2.36 inch x 5.33 inch x 0.6 inch (59.9 mm x 135.4 mm x 15.2 mm) |
| AQCDC17008 | 1/2 inch ID Tubing (0.5 inch, 12.7 mm) | 3/8 inch (0.375 inch, 9.5 mm) | 2.36 inch x 5.62 inch x 0.89 inch (59.9 mm x 142.7 mm x 22.6 mm) |

### Coupling Inserts



| In-Line Hose Barb; PC, Silicone, PE, SS | | | |
|---|---|---|---|
| Shut-Off | Tubing Size | Flow | A x B x C |
| AQCDC22004 | 1/4 inch ID Tubing (0.25 inch, 6.4 mm) | 1/4 inch (0.25 inch, 6.4 mm) | 2.5 inch x 5.41 inch x 0.6 inch (63.5 mm x 137.4 mm x 15.2 mm) |
| AQCDC22008 | 1/2 inch ID Tubing (0.5 inch, 12.7 mm) | 3/8 inch (0.375 inch, 9.5 mm) | 2.5 inch x 5.7 inch x 0.89 inch (63.5 mm x 144.8 mm x 22.6 mm) |



Back to Table of Contents
Connectors
Bag Ports
Bag Chambers
Sanitary Flanges, Caps & Gaskets
Clamps & Clips
Tubing
Injection & Sampling Ports
Syringes
Stopcocks & Manifolds
Valves
Filters
Tools
Sterilization Supplies
Adhesives
Swabs
Transport Tubes

## AseptiQuik® X

AseptiQuik® X Large Format 1" Connectors provide quick and easy sterile connections for high flow applications, even in non-sterile environments. AseptiQuik X's "TWIST-PULL-TWIST" design enables users to quickly transfer large volumes of media easily with less risk of operator error. The connector's robust design provides reliable performance without the need for clamps, fixtures or tube welders. Biopharmaceutical manufacturers can now make 1" sterile connections with the quality and market availability they expect from the leader in single-use connection technology.



Shown Assembled

### Coupling Bodies

| In-Line Hose Barb; PC, Silicone, PE | | |
|---|---|---|
| Straight-Thru | Tubing Size | A x B x C |
| AQX17012 | 3/4 inch (0.75 inch, 19.05 mm) | 3.54 inch x 3.93 inch x 1.5 inch (89.92 mm x 99.82 mm x 38.1 mm) |
| AQX17016 | 1 inch (25.4 mm) | 3.54 inch x 4.04 inch x 1.53 inch (89.92 mm x 102.62 mm x 38.86 mm) |

| High Temperature In-Line Hose Barb; PC, Silicone, PES | | |
|---|---|---|
| Straight-Thru | Tubing Size | A x B x C |
| AQX17012HT | 3/4 inch (0.75 inch, 19.05 mm) | 3.54 inch x 3.93 inch x 1.5 inch (89.92 mm x 99.82 mm x 38.1 mm) |
| NEW! AQX17016HT | 1 inch (25.4 mm) | 3.54 inch x 4.04 inch x 1.53 inch (89.92 mm x 102.62 mm x 38.86 mm) |

| Sanitary; PC, Silicone, PE | | |
|---|---|---|
| Straight-Thru | Termination Size | A x B x C |
| AQX33024 | 1 1/2 inch Sanitary (1.5 inch, 38.1 mm) | 3.54 inch x 4.18 inch x 1.5 inch (89.92 mm x 106.172 mm x 38.1 mm) |

| High Temperature Sanitary; PC, Silicone, PES | | |
|---|---|---|
| Straight-Thru | Termination Size | A x B x C |
| AQX33024HT | 1 1/2 inch Sanitary (1.5 inch, 38.1 mm) | 3.54 inch x 4.18 inch x 1.5 inch (89.92 mm x 106.172 mm x 38.1 mm) |









### Coupling Inserts

| In-Line Hose Barb; PC, Silicone, PE | | |
|---|---|---|
| Straight-Thru | Tubing Size | A x B x C |
| AQX22012 | 3/4 inch (0.75 inch, 19.05 mm) | 3.76 inch x 4.34 inch x 1.5 inch (95.5 mm x 110.24 mm x 38.1 mm) |
| AQX22016 | 1 inch (25.4 mm) | 3.76 inch x 4.45 inch x 1.53 inch (95.5 mm x 113.03 mm x 38.86 mm) |

| High Temperature In-Line Hose Barb; PC, Silicone, PES | | |
|---|---|---|
| Straight-Thru | Tubing Size | A x B x C |
| AQX22012HT | 3/4 inch (0.75 inch, 19.05 mm) | 3.76 inch x 4.34 inch x 1.5 inch (95.5 mm x 110.24 mm x 38.1 mm) |
| AQX22016HT | 1 inch (25.4 mm) | 3.76 inch x 4.45 inch x 1.53 inch (95.5 mm x 113.03 mm x 38.86 mm) |





| Sanitary; PC, Silicone, PE | | |
|---|---|---|
| Straight-Thru | Termination Size | A x B x C |
| AQX44024 | 1 1/2 inch Sanitary (1.5 inch, 38.1 mm) | 3.76 inch x 4.58 inch x 1.74 inch (95.5 mm x 116.33 mm x 44.2 mm) |

| High Temperature Sanitary; PC, Silicone, PES | | |
|---|---|---|
| Straight-Thru | Termination Size | A x B x C |
| AQX44024HT | 1 1/2 inch Sanitary (1.5 inch, 38.1 mm) | 3.76 inch x 4.58 inch x 1.74 inch (95.5 mm x 116.33 mm x 44.2 mm) |



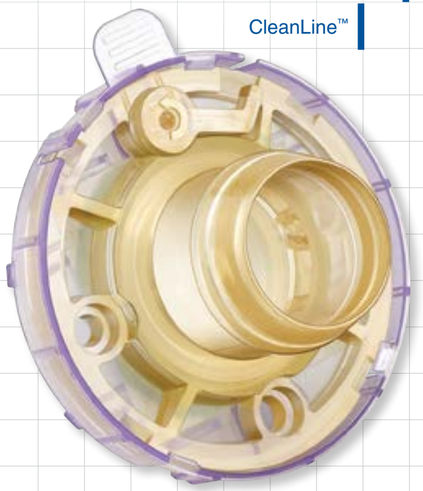






## CleanLine™

- Genderless aseptic connector for high-volume sterile fluid transfer at low differential pressures
- Provides benefits of single use while maintaining reliability associated with stainless steel technology
- Each box is packaged with components to make one connection (pair of connectors/two rivets)



Hose barb version can connect to large ID process hosing

NEW!

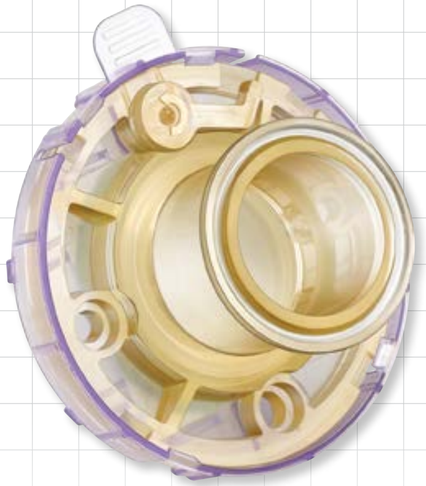
61869
CleanLine™ Aseptic
Single-Use Barb Connector
Fits 1 1/2 inch ID Tubing (1.5 inch, 38.1 mm)
PSU, Silicone, HDPE



Back view



Shown in package



Sanitary flange version compatible with stainless steel process equipment or single-use sanitary flanges

NEW!

61870
CleanLine™ Aseptic
Single-Use Sanitary
Flange Connector
1 inch/1.5 inch Standard Flange
PSU, Silicone, HDPE



Back to Table of Contents

Connectors

Bag Ports

Bag Chambers

Sanitary Flanges, Caps & Gaskets

Clamps & Clips

Tubing

Injection & Sampling Ports

Syringes

Stopcocks & Manifolds

Valves

Filters

Tools

Sterilization Supplies

Adhesives

Swabs

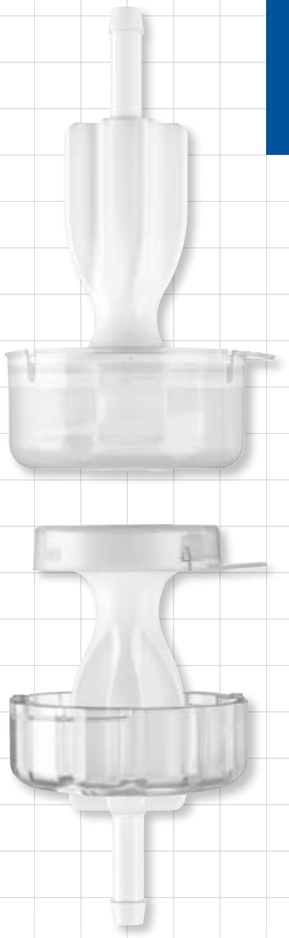
Transport Tubes

QOSINA Thousands of Stock Components Bioprocess




**Features of part numbers 64131 - 64138**

- These connections allow aseptic connection and full sterile fluid transfer in non-classified and classified environments
- Male and female connector couplings allow for error proofing to help prevent misconnections



64133
OPTA® SFT-D Small Male, Barbed
Fits 1/4 inch ID Tubing
(0.25 inch, 6.4 mm)
PC, TPV, PES, PP

| Also Available: | |
|---|---|
| Part No. | Measurement |
| 64135 | Fits 3/8 inch ID Tubing (0.375 inch, 9.5 mm) |
| 64137 | Fits 1/2 inch ID Tubing (0.5 inch, 12.7 mm) |

64134
OPTA® SFT-D Small Female, Barbed
Fits 1/4 inch ID Tubing
(0.25 inch, 6.4 mm)
PC, TPV, PES, PP

| Also Available: | |
|---|---|
| Part No. | Measurement |
| 64136 | Fits 3/8 inch ID Tubing (0.375 inch, 9.5 mm) |
| 64138 | Fits 1/2 inch ID Tubing (0.5 inch, 12.7 mm) |



QOSINA Thousands of Stock Components Bioprocess






**Three-step operation for 64131-64138**

1. Remove protective cap and connect the male and female connectors
2. Remove membranes
3. Turn the collar to complete the connection, which will be validated by an audible click



64131
OPTA® SFT-I Large Male, Barbed
Fits 3/4 inch ID Tubing
(0.75 inch, 19.1 mm)
PC, EPDM, PES, PP

64132
OPTA® SFT-I Large Female, Barbed
Fits 3/4 inch ID Tubing
(0.75 inch, 19.1 mm)
PC, EPDM, PES, PP

Back to Table of Contents
Connectors
Bag Ports
Bag Chambers
Sanitary Flanges, Caps & Gaskets
Clamps & Clips
Tubing
Injection & Sampling Ports
Syringes
Stopcocks & Manifolds
Valves
Filters
Tools
Sterilization Supplies
Adhesives
Swabs
Transport Tubes

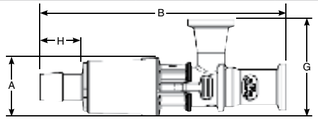
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**Scan to visit Steam-Thru® Connectors at QOSINA.COM**





The Steam-Thru® Series Connectors allow a quick and easy sterile connection between biopharmaceutical processing equipment and disposable bag and tube assemblies. Its innovative three-port design allows a true steam-through Steam-in-Place (SIP) process, which eliminates "dead legs" where bacteria can grow. The patented valve allows a sterile connection and disconnection and permits a high media flow rate. The single-use design saves time and money by eliminating unnecessary cleaning procedures and reducing validation concerns associated with reusable components. The original Steam-Thru® Connector is a single-actuation design allowing the connector to be steamed once in making a connection "steam on." The Steam-Thru II Connector is a dual-actuation design which allows the connector to be steamed a second time to "steam off" again.




Straight-Thru

A = Height/Diameter
B = Total Length
F = Actuated Length
G = Total Height
H = Hose Barb Length

| Steam-Thru® Connectors; PSU, Silicone | | |
|---|---|---|
| Part No. | Sanitary SIP Connector x Sanitary SIP Connector x Hose Barb | A x B x F x G x H |
| STC1700000 | 3/4 inch x 3/4 inch x 1/2 inch (0.75 inch x 0.75 inch x 0.5 inch, 19.1 mm x 19.1 mm x 12.7 mm) | 1.2 inch x 5.09 inch x 4.44 inch x 2 inch x 0.89 inch (30.5 mm x 129.3 mm x 112.8 mm x 50.8 mm x 22.6 mm) |
| STC1700100 | 3/4 inch x 3/4 inch x 3/8 inch (0.75 inch x 0.75 inch x 0.375 inch, 19.1 mm x 19.1 mm x 9.5 mm) | 1.2 inch x 4.8 inch x 4.15 inch x 2 inch x 0.6 inch (30.5 mm x 121.9 mm x 105.4 mm x 50.8 mm x 15.2 mm) |
| STC1700200 | 3/4 inch x 1 1/2 inch x 1/2 inch (0.75 inch x 1.5 inch x 0.5 inch, 19.1 mm x 38.1 mm x 12.7 mm) | 1.2 inch x 5.09 inch x 4.44 inch x 2 inch x 0.89 inch (30.5 mm x 129.3 mm x 112.8 mm x 50.8 mm x 22.6 mm) |
| STC1700300 | 3/4 inch x 1 1/2 inch x 3/8 inch (0.75 inch x 1.5 inch x 0.375 inch, 19.1 mm x 38.1 mm x 9.5 mm) | 1.2 inch x 4.8 inch x 4.15 inch x 2 inch x 0.6 inch (30.5 mm x 121.9 mm x 105.4 mm x 50.8 mm x 15.2 mm) |



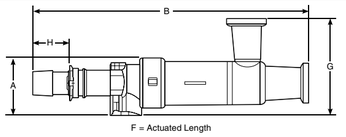
QOSINA Thousands of Stock Components
Bioprocess
1cm







The Steam-Thru II Connector is a dual-actuation design which allows the connector to be steamed a second time to "steam off" again. This unique design also allows for a quick and easy sterile connection between biopharmaceutical processing equipment and disposable bag and tube assemblies. Its innovative three-port design allows a true steam-through Steam-in-Place (SIP) process, which eliminates "dead legs" where bacteria can grow. The patented valve allows a sterile connection and disconnection and permits a high media flow rate. The single-use design saves time and money by eliminating unnecessary cleaning procedures and reducing validation concerns associated with reusable components.




Straight-Thru

A = Height/Diameter
B = Total Length
F = Actuated Length
G = Total Height
H = Hose Barb Length

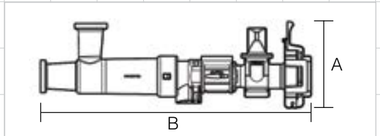
| Steam-Thru II Connectors; PSU, Silicone | | |
|---|---|---|
| Part No. | Sanitary SIP Connector x Sanitary SIP Connector x Hose Barb | A x B x F x G x H |
| STC2020000 | 3/4 inch x 3/4 inch x 1/2 inch (0.75 inch x 0.75 inch x 0.5 inch, 19.1 mm x 19.1 mm x 12.7 mm) | 1.42 inch x 6.84 inch x 5.93 inch x 2.4 inch x 0.88 inch (36.1 mm x 173.7 mm x 150.6 mm x 61 mm x 22.4 mm) |
| STC2020100 | 3/4 inch x 3/4 inch x 3/8 inch (0.75 inch x 0.75 inch x 0.375 inch, 19.1 mm x 19.1 mm x 9.5 mm) | 1.42 inch x 6.76 inch x 5.93 inch x 2.4 inch x 0.8 inch (36.1 mm x 171.7 mm x 150.6 mm x 61 mm x 20.3 mm) |
| STC2020200 | 3/4 inch x 1 1/2 inch x 1/2 inch (0.75 inch x 1.5 inch x 0.5 inch, 19.1 mm x 38.1 mm x 12.7 mm) | 1.42 inch x 6.84 inch x 5.93 inch x 2.4 inch x 0.88 inch (36.1 mm x 173.7 mm x 150.6 mm x 61 mm x 22.4 mm) |
| STC2020300 | 3/4 inch x 1 1/2 inch x 3/8 inch (0.75 inch x 1.5 inch x 0.375 inch, 19.1 mm x 38.1 mm x 9.5 mm) | 1.42 inch x 6.76 inch x 5.93 inch x 2.4 inch x 0.8 inch (36.1 mm x 171.7 mm x 150.6 mm x 61 mm x 20.3 mm) |

| Steam-Thru II Connectors; PSU, Silicone | | |
|---|---|---|
| Part No. | Sanitary SIP Connector x Sanitary SIP Connector x Sanitary SIP Connector | A x B x F x G x H |
| STC2020900 | 3/4 inch x 3/4 inch x 3/4 inch (0.75 inch x 0.75 inch x 0.75 inch, 19.1 mm x 19.1 mm x 19.1 mm) | 1.42 inch x 6.6 inch x 5.93 inch x 2.4 inch x 0.62 inch (36.1 mm x 167.6 mm x 150.6 mm x 61 mm x 15.7 mm) |
| STC2021000 | 3/4 inch x 1 1/2 inch x 3/4 inch (0.75 inch x 1.5 inch x 0.75 inch, 19.1 mm x 38.1 mm x 19.1 mm) | 1.42 inch x 6.6 inch x 5.93 inch x 2.4 inch x 0.62 inch (36.1 mm x 167.6 mm x 150.6 mm x 61 mm x 15.7 mm) |



Back to Table of Contents
Connectors
Bag Ports
Bag Chambers
Sanitary Flanges, Caps & Gaskets
Clamps & Clips
Tubing
Injection & Sampling Ports
Syringes
Stopcocks & Manifolds
Valves
Filters
Tools
Sterilization Supplies
Adhesives
Swabs
Transport Tubes

AseptiQuik® STC Connectors combine the AseptiQuik® sterile connector and the Steam-Thru® II SIP connector, giving manufacturers greater flexibility between hybrid stainless steel and single-use processing equipment. The union of the two connectors into a single unit through a sanitary clamp allows an AseptiQuik sterile connection to be steamed on to stainless equipment via SIP. After the SIP cycle, a wide range of single-use systems can be connected.




A = Height/Diameter
B = Total Length





| Steam-Thru II Connectors; PC, PSU, Silicone, PE | | | |
|---|---|---|---|
| | Part No. | Termination Size | A x B x C |
| NEW! | AQSTC2330900 | 3/4 inch x 3/4 inch Sanitary (0.75 inch x 0.75 inch, 19.1 mm x 19.1 mm) | 3.05 inch x 8.26 inch x 7.36 inch (77.5 mm x 209.8 mm x 186.9 mm) |
| NEW! | AQSTC2331000 | 3/4 inch x 1 1/2 inch Sanitary (0.75 inch x 1.5 inch, 19.1 mm x 38.1 mm) | 3.05 inch x 8.26 inch x 7.36 inch (77.5 mm x 209.8 mm x 186.9 mm) |



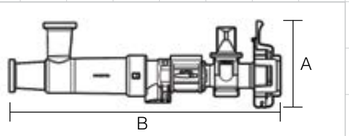


| High Temperature Steam-Thru II Connectors; PC, PSU, Silicone, PES | | | |
|---|---|---|---|
| | Part No. | Termination Size | A x B x C |
| NEW! | AQSTC2330900HT | 3/4 inch x 3/4 inch Sanitary (0.75 inch x 0.75 inch, 19.1 mm x 19.1 mm) | 3.05 inch x 8.26 inch x 7.36 inch (77.5 mm x 209.8 mm x 186.9 mm) |
| NEW! | AQSTC2331000HT | 3/4 inch x 1 1/2 inch Sanitary (0.75 inch x 1.5 inch, 19.1 mm x 38.1 mm) | 3.05 inch x 8.26 inch x 7.36 inch (77.5 mm x 209.8 mm x 186.9 mm) |

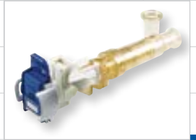




AseptiQuik® STC Connectors combine the AseptiQuik® sterile connector and the Steam-Thru® II SIP connector, giving manufacturers greater flexibility between hybrid stainless steel and single-use processing equipment. The union of the two connectors into a single unit through a sanitary clamp allows an AseptiQuik sterile connection to be steamed on to stainless equipment via SIP. After the SIP cycle, a wide range of single-use systems can be connected.




A = Height/Diameter
B = Total Length





| Steam-Thru II Connectors; PC, PSU, Silicone, PE | | | |
|---|---|---|---|
| | Part No. | Termination Size | A x B x C |
| NEW! | AQGSTC2330900 | 3/4 inch x 3/4 inch Sanitary (0.75 inch x 0.75 inch, 19.1 mm x 19.1 mm) | 3.05 inch x 8.26 inch x 7.36 inch (77.5 mm x 209.8 mm x 186.9 mm) |
| NEW! | AQGSTC2331000 | 3/4 inch x 1 1/2 inch Sanitary (0.75 inch x 1.5 inch, 19.1 mm x 38.1 mm) | 3.05 inch x 8.26 inch x 7.36 inch (77.5 mm x 209.8 mm x 186.9 mm) |





| High Temperature Steam-Thru II Connectors; PC, PSU, Silicone, PES | | | |
|---|---|---|---|
| | Part No. | Termination Size | A x B x C |
| NEW! | AQGSTC2330900HT | 3/4 inch x 3/4 inch Sanitary (0.75 inch x 0.75 inch, 19.1 mm x 19.1 mm) | 3.05 inch x 8.26 inch x 7.36 inch (77.5 mm x 209.8 mm x 186.9 mm) |
| NEW! | AQGSTC2331000HT | 3/4 inch x 1 1/2 inch Sanitary (0.75 inch x 1.5 inch, 19.1 mm x 38.1 mm) | 3.05 inch x 8.26 inch x 7.36 inch (77.5 mm x 209.8 mm x 186.9 mm) |

61727, 61728 and 61729 work with tools and blades on page 148

Scan to visit Sterile Disconnects at QOSINA.COM


Open View

NEW!

61727
Clipster® Aseptic Disconnector
Size XS
Fits 1/8 inch ID x 1/4 inch OD or 1/4 inch ID x 3/8 inch OD Tubing
(0.125 inch x 0.25 inch or 0.25 inch x 0.375 inch, 3.18 mm x 6.35 mm or 6.35 mm x 9.53 mm)
PC


Open View

NEW!

61728
Clipster® Aseptic Disconnector
Size S
Fits 1/4 inch ID x 7/16 inch OD Tubing
(0.25 inch x 0.438 inch, 6.35 mm x 11.11 mm)
PC


Open View

NEW!

61729
Clipster® Aseptic Disconnector
Size L
Fits 3/8 inch ID x 5/8 inch OD or 1/2 inch ID x 3/4 inch OD Tubing
(0.375 inch x 0.625 inch or 0.5 inch x 0.75 inch, 9.53 mm x 15.88 mm or 12.7 mm x 19.05 mm)
PC




NEW!

64125
QUICKSEAL® Aseptic Disconnect on C-Flex® Tubing
1/8 inch ID x 1/4 inch OD
(0.125 inch x 0.25 inch, 3.18 mm x 6.35 mm)
12 inch Length w/QUICKSEAL® at 6 inches
TPE, AL

| Also Available: | |
|---|---|
| Part No. | Measurement |
| NEW! 64126 | 1/4 inch ID x 3/8 inch OD (0.25 inch x 0.375 inch, 6.35 mm x 9.53 mm) |
| NEW! 64127 | 3/8 inch ID x 5/8 inch OD (0.375 inch x 0.625 inch, 9.5 mm x 15.9 mm) |




NEW!

64130
QUICKSEAL® Aseptic Disconnect on STHT-C® Tubing
3/8 inch ID x 5/8 inch OD
(0.375 inch x 0.625 inch, 9.5 mm x 15.9 mm)
12 inch Length w/QUICKSEAL® at 6 inches
Silicone, AL

| Also Available: | |
|---|---|
| Part No. | Measurement |
| NEW! 64128 | 1/8 inch ID x 1/4 inch OD (0.125 inch x 0.25 inch, 3.18 mm x 6.35 mm) |
| NEW! 64129 | 1/4 inch ID x 3/8 inch OD (0.25 inch x 0.375 inch, 6.35 mm x 9.53 mm) |

Additional sterile disconnects, the AseptiQuik® C DC and AseptiQuik® G DC series can be found on pages 41 and 39.

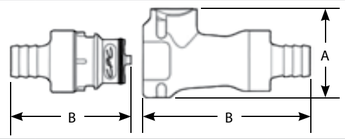




## HFC39


Shown Assembled

HFC39 Series aseptic disconnect couplings prevent external organisms from entering into the media flow path upon disconnection. Automatic shut-off valves close off the flow path aseptically, protecting valuable media while also eliminating the need for pinch clamps and tube welders. The easy-to-use thumb latch design provides a secure, leak-free connection and enables one-handed disconnects.




Single Shut-Off
Double Shut-Off

A = Height/Diameter
B = Total Length

### Coupling Bodies

| In-Line Hose Barb; PSU, Silicone, SS | | | |
|---|---|---|---|
| Shut-Off | Tubing Size | Flow | A x B |
| HFCD17439M | 1/4 inch ID Tubing (0.25 inch, 6.4 mm) | 1/4 inch (0.25 inch, 6.4 mm) | 1.44 inch x 2.82 inch (36.6 mm x 71.6 mm) |
| HFCD17639M | 3/8 inch ID Tubing (0.375 inch, 9.5 mm) | 3/8 inch (0.375 inch, 9.5 mm) | 1.44 inch x 2.82 inch (36.6 mm x 71.6 mm) |
| HFCD17839M | 1/2 inch ID Tubing (0.5 inch, 12.7 mm) | 3/8 inch (0.375 inch, 9.5 mm) | 1.44 inch x 2.82 inch (36.6 mm x 71.6 mm) |

### Coupling Inserts

| In-Line Hose Barb; PSU, Silicone | | | |
|---|---|---|---|
| Straight-Thru | Tubing Size | Flow | A x B |
| HFC22439M | 1/4 inch ID Tubing (0.25 inch, 6.4 mm) | 1/4 inch (0.25 inch, 6.4 mm) | 1 inch x 2.02 inch (25.4 mm x 51.3 mm) |
| HFC22639M | 3/8 inch ID Tubing (0.375 inch, 9.5 mm) | 3/8 inch (0.375 inch, 9.5 mm) | 1 inch x 2.02 inch (25.4 mm x 51.3 mm) |
| HFC22839M | 1/2 inch ID Tubing (0.5 inch, 12.7 mm) | 3/8 inch (0.375 inch, 9.5 mm) | 1 inch x 2.02 inch (25.4 mm x 51.3 mm) |

| In-Line Hose Barb; PSU, Silicone, SS | | | |
|---|---|---|---|
| Shut-Off | Tubing Size | Flow | A x B |
| HFCD22439M | 1/4 inch ID Tubing (0.25 inch, 6.4 mm) | 1/4 inch (0.25 inch, 6.4 mm) | 1 inch x 2.02 inch (25.4 mm x 51.3 mm) |
| HFCD22639M | 3/8 inch ID Tubing (0.375 inch, 9.5 mm) | 3/8 inch (0.375 inch, 9.5 mm) | 1 inch x 2.02 inch (25.4 mm x 51.3 mm) |
| HFCD22839M | 1/2 inch ID Tubing (0.5 inch, 12.7 mm) | 3/8 inch (0.375 inch, 9.5 mm) | 1 inch x 2.02 inch (25.4 mm x 51.3 mm) |





HFC32039
Sealing Cap
PSU



HFC30039M
Sealing Plug
PSU, Silicone



Back to Table of Contents
Connectors
Bag Ports
Bag Chambers
Sanitary Flanges, Caps & Gaskets
Clamps & Clips
Tubing
Injection & Sampling Ports
Syringes
Stopcocks & Manifolds
Valves
Filters
Tools
Sterilization Supplies
Adhesives
Swabs
Transport Tubes

QOSINA Thousands of Stock Components
Bioprocess

The HFC Disconnect Series enables sterile disconnection of single-use biopharma and cell and gene therapy manufacturing systems. With an easy push of the connector thumb latch, sterility is maintained on both sides of the system during the disconnection process. Ideal for disconnection from storage/mixing tanks, SU bioreactors, transfer lines, chromatography skids, filters, sampling, and freeze/thaw bags. Sold in the connected set, including a protective thumb latch cover eliminating the chance of an accidental disconnection. Laser etched with item and lot number for batch traceability.





### Coupling Bodies

| In-Line Hose Barb; PSU, Silicone, Nickel Alloy | | | | |
|---|---|---|---|---|
| | Valved In-Line | Tubing Size | Flow | A x B |
| NEW! | HFCD17439MHC | 1/4 inch ID Tubing (0.25 inch, 6.4 mm) | 3/8 inch (0.375 inch, 9.5 mm) | 1.44 inch x 2.82 inch (36.6 mm x 71.6 mm) |
| NEW! | HFCD17639MHC | 3/8 inch ID Tubing (0.375 inch, 9.5 mm) | 3/8 inch (0.375 inch, 9.5 mm) | 1.44 inch x 2.82 inch (36.6 mm x 71.6 mm) |
| NEW! | HFCD17839MHC | 1/2 inch ID Tubing (0.5 inch, 12.7 mm) | 3/8 inch (0.375 inch, 9.5 mm) | 1.44 inch x 2.82 inch (36.6 mm x 71.6 mm) |





### Coupling Inserts

| In-Line Hose Barb; PSU, Silicone, Nickel Alloy | | | | |
|---|---|---|---|---|
| | Valved In-Line | Tubing Size | Flow | A x B |
| NEW! | HFCD22439MHC | 1/4 inch ID Tubing (0.25 inch, 6.4 mm) | 3/8 inch (0.375 inch, 9.5 mm) | 1 inch x 2.02 inch (25.4 mm x 51.3 mm) |
| NEW! | HFCD22639MHC | 3/8 inch ID Tubing (0.375 inch, 9.5 mm) | 3/8 inch (0.375 inch, 9.5 mm) | 1 inch x 2.02 inch (25.4 mm x 51.3 mm) |
| NEW! | HFCD22839MHC | 1/2 inch ID Tubing (0.5 inch, 12.7 mm) | 3/8 inch (0.375 inch, 9.5 mm) | 1 inch x 2.02 inch (25.4 mm x 51.3 mm) |





### Coupling Sets

| In-Line Hose Barb; PSU, Silicone, Nickel Alloy | | | | |
|---|---|---|---|---|
| | Valved In-Line | Tubing Size | Flow | A x B |
| NEW! | HFCD39SET4HC | 1/4 inch ID Tubing (0.25 inch, 6.4 mm) | 3/8 inch (0.375 inch, 9.5 mm) | 1.53 inch x 3.71 inch (38.8 mm x 94.3 mm) |
| NEW! | HFCD39SET6HC | 3/8 inch ID Tubing (0.375 inch, 9.5 mm) | 3/8 inch (0.375 inch, 9.5 mm) | 1.53 inch x 3.71 inch (38.8 mm x 94.3 mm) |
| NEW! | HFCD39SET8HC | 1/2 inch ID Tubing (0.5 inch, 12.7 mm) | 3/8 inch (0.375 inch, 9.5 mm) | 1.53 inch x 4.29 inch (38.8 mm x 109 mm) |



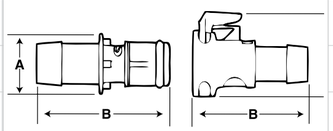


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Bioprocess

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at QOSINA.COM

MPC Series Couplings feature a thin, tapered barb which minimizes fluid turbulence and decreases areas for particle entrapment. An ergonomic thumb latch can be operated even by gloved hands, and an audible click lets the operator know when the connection is secured. Coupling halves can be rotated when connected to reduce tubing kinks. In addition, the MPCK Coupling Bodies have locking sleeves to prevent accidental disconnection. This series is compatible with the Sanitary series.


Shown Assembled




A = Height/Diameter
B = Total Length (Straight-Thru/Shut-Off)

### Coupling Bodies

| In-Line Hose Barb; PC | | | |
|---|---|---|---|
| Straight-Thru | Tubing Size | Flow | A x B |
| MPC17002T03 | 1/8 inch ID Tubing (0.125 inch, 3.2 mm) | 0.09 inch | 0.96 inch x 1.1 inch (24.4 mm x 27.9 mm) |
| MPC17004T03 | 1/4 inch ID Tubing (0.25 inch, 6.4 mm) | 0.21 inch | 0.96 inch x 1.1 inch (24.4 mm x 27.9 mm) |
| MPC17006T03 | 3/8 inch ID Tubing (0.375 inch, 9.5 mm) | 0.29 inch | 0.96 inch x 1.1 inch (24.4 mm x 27.9 mm) |



| In-Line Hose Barb with Lock; PC | | | |
|---|---|---|---|
| Straight-Thru | Tubing Size | Flow | A x B |
| MPCK17002T03 | 1/8 inch ID Tubing (0.125 inch, 3.2 mm) | 0.09 inch | 0.99 inch x 1.1 inch (25.1 mm x 27.9 mm) |
| MPCK17004T03 | 1/4 inch ID Tubing (0.25 inch, 6.4 mm) | 0.21 inch | 0.99 inch x 1.3 inch (25.1 mm x 33 mm) |
| MPCK17006T03 | 3/8 inch ID Tubing (0.375 inch, 9.5 mm) | 0.29 inch | 0.99 inch x 1.3 inch (25.1 mm x 33 mm) |



| In-Line Hose Barb; PSU | | | |
|---|---|---|---|
| Straight-Thru | Tubing Size | Flow | A x B |
| MPC17002T39 | 1/8 inch ID Tubing (0.125 inch, 3.2 mm) | 0.09 inch | 0.96 inch x 1.1 inch (24.4 mm x 27.9 mm) |
| MPC17004T39 | 1/4 inch ID Tubing (0.25 inch, 6.4 mm) | 0.21 inch | 0.96 inch x 1.1 inch (24.4 mm x 27.9 mm) |
| MPC17006T39 | 3/8 inch ID Tubing (0.375 inch, 9.5 mm) | 0.29 inch | 0.96 inch x 1.1 inch (24.4 mm x 27.9 mm) |



| In-Line Hose Barb with Lock; PSU | | | |
|---|---|---|---|
| Straight-Thru | Tubing Size | Flow | A x B |
| MPCK17002T39 | 1/8 inch ID Tubing (0.125 inch, 3.2 mm) | 0.09 inch | 0.99 inch x 1.1 inch (25.1 mm x 27.9 mm) |
| MPCK17004T39 | 1/4 inch ID Tubing (0.25 inch, 6.4 mm) | 0.21 inch | 0.99 inch x 1.3 inch (25.1 mm x 33 mm) |
| MPCK17006T39 | 3/8 inch ID Tubing (0.375 inch, 9.5 mm) | 0.29 inch | 0.99 inch x 1.3 inch (25.1 mm x 33 mm) |





Back to Table of Contents
Connectors
Bag Ports
Bag Chambers
Sanitary Flanges, Caps & Gaskets
Clamps & Clips
Tubing
Injection & Sampling Ports
Syringes
Stopcocks & Manifolds
Valves
Filters
Tools
Sterilization Supplies
Adhesives
Swabs
Transport Tubes



| In-Line Hose Barb; PC, Silicone | | | | |
|---|---|---|---|---|
| Straight-Thru | Tubing Size | Flow | O-Ring | A x B |
| MPC22002T03M | 1/8 inch ID Tubing (0.125 inch, 3.2 mm) | 0.09 inch | Silicone Seal USP Class VI | 0.6 inch x 1.1 inch (15.2 mm x 27.9 mm) |
| MPC22004T03M | 1/4 inch ID Tubing (0.25 inch, 6.4 mm) | 0.21 inch | Silicone Seal USP Class VI | 0.6 inch x 1.3 inch (15.2 mm x 33 mm) |
| MPC22006T03M | 3/8 inch ID Tubing (0.375 inch, 9.5 mm) | 0.29 inch | Silicone Seal USP Class VI | 0.6 inch x 1.3 inch (15.2 mm x 33 mm) |



| In-Line Hose Barb; PC, Buna-N | | | | |
|---|---|---|---|---|
| Straight-Thru | Tubing Size | Flow | O-Ring | A x B |
| MPC22004T03 | 1/4 inch ID Tubing (0.25 inch, 6.4 mm) | 0.21 inch | Buna-N Seal USP Class V | 0.6 inch x 1.3 inch (15.2 mm x 33 mm) |
| MPC22006T03 | 3/8 inch ID Tubing (0.375 inch, 9.5 mm) | 0.29 inch | Buna-N Seal USP Class V | 0.6 inch x 1.3 inch (15.2 mm x 33 mm) |



| In-Line Hose Barb; PSU, Silicone | | | | |
|---|---|---|---|---|
| Straight-Thru | Tubing Size | Flow | O-Ring | A x B |
| MPC22002T39M | 1/8 inch ID Tubing (0.125 inch, 3.2 mm) | 0.09 inch | Silicone Seal USP Class VI | 0.6 inch x 1.1 inch (15.2 mm x 27.9 mm) |
| MPC22004T39M | 1/4 inch ID Tubing (0.25 inch, 6.4 mm) | 0.21 inch | Silicone Seal USP Class VI | 0.6 inch x 1.3 inch (15.2 mm x 33 mm) |
| MPC22006T39M | 3/8 inch ID Tubing (0.375 inch, 9.5 mm) | 0.29 inch | Silicone Seal USP Class VI | 0.6 inch x 1.3 inch (15.2 mm x 33 mm) |







| Sealing Cap; PC | | |
|---|---|---|
| Sealing Cap | Sealing Cap with Lock | A x B |
| MPC32003 | MPCK32003 | 0.96 inch x 1.3 inch (24.4 mm x 33 mm) |



| Sealing Cap; PSU | | |
|---|---|---|
| Sealing Cap | Sealing Cap with Lock | A x B |
| MPC32039 | MPCK32039 | 0.99 inch x 1.3 inch (25.1 mm x 33 mm) |



| Sealing Plug; PC, Silicone | | |
|---|---|---|
| Part No. | O-Ring | A x B |
| MPC30003M | Silicone Seal USP Class VI | 0.75 inch x 1.24 inch (19.1 mm x 31.5 mm) |



| Sealing Plug; PSU, Silicone | | |
|---|---|---|
| Part No. | O-Ring | A x B |
| MPC30039M | Silicone Seal USP Class VI | 0.75 inch x 1.24 inch (19.1 mm x 31.5 mm) |



| Flexible PVC Leash Plug for MPC Body |
|---|
| Part No. |
| MPC30L |



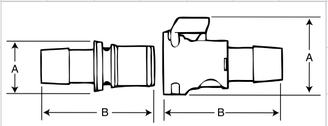
| Flexible PVC Leash Cap for MPC Insert |
|---|
| Part No. |
| MPC32L |

## MPX

MPX Series Couplings feature a thin, tapered barb, which minimizes fluid turbulence and decreases areas for particle entrapment. An ergonomic thumb latch can be operated even by gloved hands, and an audible click lets the operator know when the connection is secured. Coupling halves can be rotated when connected to reduce tubing kinks. In addition, the MPXK Coupling Bodies have locking sleeves to prevent accidental disconnection. The MPX Series also provides a higher flow rate than the MPC Series. This series is compatible with the Sanitary series.



Shown Assembled




Straight-Thru

A = Height/Diameter
B = Total Length (Straight-Thru/Shut-Off)

### Coupling Bodies



| In-Line Hose Barb; PC | | | |
|---|---|---|---|
| Straight-Thru | Tubing Size | Flow | A x B |
| MPX17803 | 1/2 inch ID Tubing (0.5 inch, 12.7 mm) | 1/2 inch (0.5 inch, 12.7 mm) | 1.28 inch x 1.96 inch (32.5 mm x 49.8 mm) |



| In-Line Hose Barb with Lock; PC | | | |
|---|---|---|---|
| Straight-Thru | Tubing Size | Flow | A x B |
| MPXK17803 | 1/2 inch ID Tubing (0.5 inch, 12.7 mm) | 1/2 inch (0.5 inch, 12.7 mm) | 1.28 inch x 1.96 inch (32.5 mm x 49.8 mm) |



| In-Line Hose Barb; PSU | | | |
|---|---|---|---|
| Straight-Thru | Tubing Size | Flow | A x B |
| MPX17839 | 1/2 inch ID Tubing (0.5 inch, 12.7 mm) | 1/2 inch (0.5 inch, 12.7 mm) | 1.28 inch x 1.96 inch (32.5 mm x 49.8 mm) |



| In-Line Hose Barb with Lock; PSU | | | |
|---|---|---|---|
| Straight-Thru | Tubing Size | Flow | A x B |
| MPXK17839 | 1/2 inch ID Tubing (0.5 inch, 12.7 mm) | 1/2 inch (0.5 inch, 12.7 mm) | 1.28 inch x 1.96 inch (32.5 mm x 49.8 mm) |





### MPX Coupling Inserts



| In-Line Hose Barb; PC, Silicone | | | | |
|---|---|---|---|---|
| Straight-Thru | Tubing Size | Flow | O-Ring | A x B |
| MPX22603M | 3/8 inch ID Tubing (0.375 inch, 9.5 mm) | 3/8 inch (0.375 inch, 9.5 mm) | Silicone Seal USP Class VI | 0.85 inch x 1.9 inch (21.6 mm x 48.3 mm) |
| MPX22803M | 1/2 inch ID Tubing (0.5 inch, 12.7 mm) | 1/2 inch (0.5 inch, 12.7 mm) | Silicone Seal USP Class VI | 0.85 inch x 1.9 inch (21.6 mm x 48.3 mm) |



| In-Line Hose Barb; PSU, Silicone | | | | |
|---|---|---|---|---|
| Straight-Thru | Tubing Size | Flow | O-Ring | A x B |
| MPX22639M | 3/8 inch ID Tubing (0.375 inch, 9.5 mm) | 3/8 inch (0.375 inch, 9.5 mm) | Silicone Seal USP Class VI | 0.85 inch x 1.9 inch (21.6 mm x 48.3 mm) |
| MPX22839M | 1/2 inch ID Tubing (0.5 inch, 12.7 mm) | 1/2 inch (0.5 inch, 12.7 mm) | Silicone Seal USP Class VI | 0.85 inch x 1.9 inch (21.6 mm x 48.3 mm) |

### Accessories



| Sealing Plug; PC, Silicone | | |
|---|---|---|
| Part No. | O-Ring | A x B |
| MPX30003M | Silicone Seal USP Class VI | 1.1 inch x 1.66 inch (27.9 mm x 42.2 mm) |



| Sealing Plug; PSU, Silicone | | |
|---|---|---|
| Part No. | O-Ring | A x B |
| MPX30039M | Silicone Seal USP Class VI | 1.1 inch x 1.66 inch (27.9 mm x 42.2 mm) |



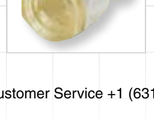
| Sealing Cap; PC | |
|---|---|
| Part No. | A x B |
| MPX32003 | 1.28 inch x 1.67 inch (32.5 mm x 42.4 mm) |



| Sealing Cap with Lock; PC | |
|---|---|
| Part No. | A x B |
| MPXK32003 | 1.28 inch x 1.67 inch (32.5 mm x 42.4 mm) |



| Sealing Cap; PSU | |
|---|---|
| Part No. | A x B |
| MPX32039 | 1.28 inch x 1.67 inch (32.5 mm x 42.4 mm) |



| Sealing Cap with Lock; PSU | |
|---|---|
| Part No. | A x B |
| MPXK32039 | 1.28 inch x 1.67 inch (32.5 mm x 42.4 mm) |

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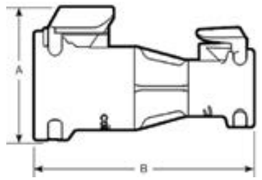
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## MPC/MPX Back-To-Back Body Adapters



Shown Assembled

MPC/MPX Back-to-Back Body Adapters allow end users the flexibility of connecting off-the-shelf, single-use systems that may feature identical coupling connections at the end of their tubing. A version with both MPC and a larger format MPX body will essentially provide a reducing option for users who need to transition from larger-sized tubing to smaller-sized tubing on two different single-use systems.




Straight-Thru

A = Height/Diameter
B = Total Length



| In-Line; PC | | |
|---|---|---|
| Straight-Thru | Type | A x B |
| MPC17C1703 | MPC to MPC | 0.96 inch x 1.81 inch (24.5 mm x 46 mm) |
| MPX17X1703 | MPX to MPX | 1.28 inch x 2.44 inch (32.5 mm x 62 mm) |
| MPC17X1703 | MPC to MPX | 1.28 inch x 2.13 inch (32.5 mm x 54.1 mm) |



| In-Line; PSU | | |
|---|---|---|
| Straight-Thru | Type | A x B |
| MPC17C1739 | MPC to MPC | 0.96 inch x 1.81 inch (24.5 mm x 46 mm) |
| MPX17X1739 | MPX to MPX | 1.28 inch x 2.44 inch (32.5 mm x 62 mm) |
| MPC17X1739 | MPC to MPX | 1.28 inch x 2.13 inch (32.5 mm x 54.1 mm) |



| In-Line; PSU, Silicone | | |
|---|---|---|
| Straight-Thru | Type | A x B |
| MPC22X2239M | MPC to MPX | 0.98 inch x 2.42 inch (25 mm x 61.5 mm) |



| In-Line; PSU, Silicone | | |
|---|---|---|
| Straight-Thru | Type | A x B |
| NEW! MPX22X2239M | MPX to MPX | 0.98 inch x 2.73 inch (25 mm x 69.3 mm) |



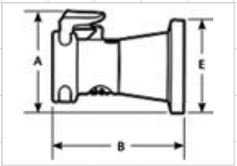
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## MPC/MPX Sanitary Series



Shown Assembled




A = Height/Diameter
B = Total Length (Straight-Thru/Shut-Off)
E = Outside Diameter

Sanitary Series Couplings feature an ergonomic thumb latch, which is easy to operate, even by gloved hands. The 3/4 inch and 1 inch sanitary couplings can be installed with standard gaskets and clamps. This series is also compatible with the MPC and MPX series, which allows for easy conversion to industry standard connections or single-use systems.

Straight-Thru

### Coupling Bodies



| In-Line Sanitary; PSU | | |
|---|---|---|
| Part No. | Size | A x B x E |
| MPC3301239 | 3/4 inch Mini (0.75 inch, 19.1 mm) | 0.98 inch x 1.4 inch x 1 inch (24.9 mm x 35.6 mm x 25.4 mm) |



| In-Line Sanitary; PSU | | |
|---|---|---|
| Part No. | Size | A x B x E |
| MPX3301239 | 3/4 inch Mini (0.75 inch, 19.1 mm) | 1.28 inch x 1.7 inch x 1 inch (32.5 mm x 43.2 mm x 25.4 mm) |



| In-Line Sanitary; PSU | | |
|---|---|---|
| Part No. | Size | A x B x E |
| MPC3301639 | 1 inch Maxi (25.4 mm) | 1.5 inch x 1.4 inch x 1.5 inch (38.1 mm x 35.6 mm x 38.1 mm) |

### Coupling Inserts



| In-Line Sanitary; PSU, Silicone | | | |
|---|---|---|---|
| Part No. | Size | O-Ring | A x B |
| MPC44012T39M | 3/4 inch Mini (0.75 inch, 19.1 mm) | Silicone Seal USP Class VI | 0.98 inch x 1.4 inch (24.9 mm x 35.6 mm) |
| MPC44024T39M | 1 1/2 inch Maxi (1.5 inch, 38.1 mm) | Silicone Seal USP Class VI | 1.98 inch x 1.4 inch (50.3 mm x 35.6 mm) |



| In-Line Sanitary; PSU, Silicone | | | |
|---|---|---|---|
| Part No. | Size | O-Ring | A x B |
| MPX44012T39M | 3/4 inch Mini (0.75 inch, 19.1 mm) | Silicone Seal USP Class VI | 0.98 inch x 1.71 inch (24.9 mm x 43.4 mm) |
| MPX44024T39M | 1 1/2 inch Maxi (1.5 inch, 38.1 mm) | Silicone Seal USP Class VI | 1.98 inch x 1.71 inch (50.3 mm x 43.4 mm) |

Sanitary Series Couplings are compatible with the MPC and MPX series.

See page 53 for the MPC Series. See page 56 for the MPX Series.



Back to Table of Contents
Connectors
Bag Ports
Bag Chambers
Sanitary Flanges, Caps & Gaskets
Clamps & Clips
Tubing
Injection & Sampling Ports
Syringes
Stopcocks & Manifolds
Valves
Filters
Tools
Sterilization Supplies
Adhesives
Swabs
Transport Tubes

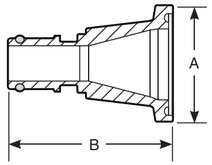
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## SaniQuik™



SaniQuik™ connections answer the question of how to integrate single-use components with your existing stainless processing equipment. This integral sanitary termination attaches to hard-plumbed systems with sanitary clamps. Once attached, it permits quick and easy connection to single-use bag systems, manifolds or tube sets with CPC® disposable coupling bodies. SaniQuik™ connections reduce sanitary gasket replacement, enabling cost-effective media transfer solutions for feeding, harvesting or sampling applications.




Straight-Thru

A = Height/Diameter
B = Total Length

### Connectors



| In-Line Sanitary; SS, Silicone | | | | |
|---|---|---|---|---|
| Part No. | Mating Coupling | Termination Size | O-Ring | A x B |
| SQCC221212M | MPC Series | 3/4 inch (0.75 inch, 19.1 mm) Sanitary Size, 3/4 inch (0.75 inch, 19.1 mm) Sanitary Bore | Silicone Seal USP Class VI | 0.98 inch x 1.39 inch (24.9 mm x 35.3 mm) |
| SQCC222424M | MPC Series | 1 1/2 inch (1.5 inch, 38.1 mm) Sanitary Size, 1 1/2 inch (1.5 inch, 38.1 mm) Sanitary Bore | Silicone Seal USP Class VI | 1.98 inch x 1.5 inch (50.3 mm x 38.1 mm) |
| SQCX221212M | MPX Series | 3/4 inch (0.75 inch, 19.1 mm) Sanitary Size, 3/4 Inch (0.75 inch, 19.1 mm) Sanitary Bore | Silicone Seal USP Class VI | 0.98 inch x 1.43 inch (24.9 mm x 36.3 mm) |
| SQCX222424M | MPX Series | 1 1/2 inch (1.5 inch, 38.1 mm) Sanitary Size, 1 1/2 Inch (1.5 inch, 38.1 mm) Sanitary Bore | Silicone Seal USP Class VI | 1.98 inch x 1.5 inch (50.3 mm x 38.1 mm) |

### Accessories



| Replacement Seals; Silicone USP Class VI | |
|---|---|
| Part No. | Mating SaniQuik™ |
| 2260100 | SQCC221212M, SQCC222424M |
| 2260200 | SQCX221212M, SQCX222416M, SQCX222424M |



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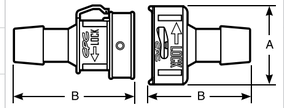


## MPU




Shown Assembled

The MPU's twist-to-connect design features an easy-to-use locking mechanism that guards against accidental disconnects and provides a reliable, secure connection. A 3/4" hose barb provides smooth, rapid media transfer.




Straight-Thru

A = Height/Diameter
B = Total Length

### Coupling Bodies



| In-Line Hose Barb; PSU, Silicone | | | |
|---|---|---|---|
| Part No. | Tubing Size | A x B | Flow |
| MPU171239 | 3/4 inch ID Tubing (0.75 inch, 19.1 mm) | 1.75 inch x 2.37 inch (44.5 mm x 60.2 mm) | 0.71 inch |
| MPU171639 | 1 inch ID Tubing (25.4 mm) | 1.75 inch x 2.57 inch (44.5 mm x 60.3 mm) | 1 inch |

### Coupling Inserts



| In-Line Hose Barb; PSU, Silicone | | | | |
|---|---|---|---|---|
| Part No. | Tubing Size | A x B | Flow | O-Ring |
| MPU221239M | 3/4 inch ID Tubing (0.75 inch, 19.1 mm) | 1.9 inch x 2.88 inch (48.3 mm x 73.2 mm) | 0.71 inch | Silicone Seal USP Class VI |
| MPU221639M | 1 inch ID Tubing (25.4 mm) | 1.9 inch x 2.88 inch (48.3 mm x 73.2 mm) | 1 inch | Silicone Seal USP Class VI |

### Accessories



| Sealing Plug; PSU | |
|---|---|
| Part No. | A x B |
| MPU30039M | 1.56 inch x 1.38 inch (39.6 mm x 35.1 mm) |



Back to Table of Contents
Connectors
Bag Ports
Bag Chambers
Sanitary Flanges, Caps & Gaskets
Clamps & Clips
Tubing
Injection & Sampling Ports
Syringes
Stopcocks & Manifolds
Valves
Filters
Tools
Sterilization Supplies
Adhesives
Swabs
Transport Tubes

Back to Table of Contents
Connectors
Bag Ports
Bag Chambers
Sanitary Flanges, Caps & Gaskets
Clamps & Clips
Tubing
Injection & Sampling Ports
Syringes
Stopcocks & Manifolds
Valves
Filters
Tools
Sterilization Supplies
Adhesives
Swabs
Transport Tubes

| | | Method | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | Disinfectants | | | Ethylene Oxide | Autoclave | E-Beam Irradiation | Gamma Irradiation | Dry Heat |
| | | Formalin | Isopropyl Alcohol | Ethyl Alcohol | | | 50 Kilograys | 50 Kilograys | 250° F |
| Materials | **Metals** | | | | | | | | |
| | Chrome-Plated Brass - CDA 360 | N | Y | Y | Y | Y | Y | Y | Y |
| | **Polymers** | | | | | | | | |
| | ABS | N | N/A | Y | Y | N | Y | Y | N |
| | Acetal | Y | Y | Y | Y | Y | N | N | N |
| | LDPE | Y | Y | Y | Y | N | Y | Y | N |
| | Nylon | Y | N | N | Y | N | N | N | N |
| | Polycarbonate | Y | Y | Y | Y | Y | Y | Y | Y |
| | Polypropylene | Y | Y | Y | Y | N | Y | Y | N |
| | Polysulfone | Y | Y | Y | Y | Y | Y | Y | Y |
| | **Elastomers** | | | | | | | | |
| | Nitrile/Buna-N | Y | Y | Y | N | N | Y | Y | Y |
| | Silicone | Y | Y | Y | Y | Y | Y | Y | Y |
| | EPR/EPDM | Y | Y | Y | Y | Y | Y | Y | Y |
| | FKM/Viton® | Y | Y | Y | N | N | N | N | Y |

Key:
Y = **Excellent,** recommended material for this sterilization method
N = **No,** not recommended
N/A = Not applicable





**Sterilization Methods**
**Disinfectants:** 70°F (20°C), Formalin, ethyl alcohol, etc. Sterilize coupled or uncoupled.

**Ethylene Oxide, EtO:** Four hours, 100% EtO @ 110°F (43°C), up to five repetitions, coupled or uncoupled.

Autoclave:
**Polycarbonate:** 250°F (121°C), 30 minutes, up to 10 repetitions. Sterilize uncoupled only.
**Polysulfone:** 270°F (132°C) for 60 minutes, up to 25 repetitions. Sterilize uncoupled only.
**Steam-Thru Connection:** 265°F (129°C) for 30 minutes, up to two cycles. (Part number specific)
**HFC39:** 270°F (132°C) for 60 minutes, up to 25 repetitions for uncoupled units and up to one repetition for coupled units.

**Electron Beam (E-Beam):** Maximum cumulative exposure of 50 kilograys. Sterilize coupled or uncoupled.

**Gamma:** Maximum cumulative exposure of 50 kilograys. Sterilize coupled or uncoupled.

**Dry Heat:** 250°F (121°C), 12 hours, no pressure. Sterilize uncoupled only.

**SIP (Steam In Place) Process:**
Up to 266°F (130°C) for 60 minutes
(Steam-Thru Connection)

Up to 275°F (135°C) for 60 minutes
(Steam-Thru II Connection)

**Regulatory and Compliance**
**ISO 13485:2003 Certification**
ISO 13485:2003 is recognized by regulators around the world as a good basis for addressing medical device design and manufacturing regulatory requirements. It allows us to enhance product safety by proactively identifying and managing product and project risks. Becoming ISO 13485:2003 certified has allowed CPC® to better control the consistency of manufactured products.

**ISO 9001:2008 Certification**
ISO 9001:2008 is a standard which assures consistency of a product ordered by customers. Organizations having ISO 9001:2008 certification have demonstrated compliance to the ISO 9001:2008 requirements by an independent registration authority. CPC® Quality Management System has been approved and certified under the ISO 9001:2008 standard.

**FDA and USDA**
The U.S. Food and Drug Administration publishes, through the Code of Federal Regulations, standardized criteria which govern the acceptability of materials used in food contact. The U.S. Department of Agriculture publishes similar standards that mirror FDA criteria. Neither agency approves or disapproves products for particular applications. Most CPC® products are made using resins that comply with applicable FDA or USDA standards. When necessary, the standard O-Ring seals are replaced with specific, recognized materials.

**Cleanroom Manufacturing**
CPC® manufactures certain Life Sciences and Chemical Management product lines in a cleanroom certified by an external testing service to meet or exceed ISO Class 7 (10,000) at 0.5 mm per ISO 14644 and the former Federal Standard 209E. Certification data provided upon request.

**Regulation of Hazardous Substances**
The RoHS Directive stands for "the restriction of the use of certain hazardous substances in electrical and electronic equipment." This directive bans the placing on the EU market of new electrical and electronic equipment containing more than agreed levels of lead, cadmium, mercury, hexavalent chromium, polybrominated biphenyl (PBB) and polybrominated diphenyl ether (PBDE) flame retardants.

**NSF**
NSF International, based in Ann Arbor, Michigan, develops and publishes consensual criteria that govern the acceptability of materials and equipment used in food and beverage processing. They also do testing to verify the performance of materials or devices to their published criteria. CPC® lists many of its product lines under the criteria of NSF/ANSI Standard 169 (formerly C-2), which governs components used in food and beverage contact applications.

Back to Table of Contents
Connectors
Bag Ports
Bag Chambers
Sanitary Flanges, Caps & Gaskets
Clamps & Clips
Tubing
Injection & Sampling Ports
Syringes
Stopcocks & Manifolds
Valves
Filters
Tools
Sterilization Supplies
Adhesives
Swabs
Transport Tubes

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# Bag Ports

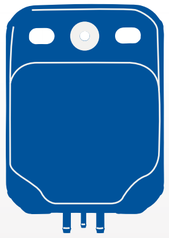
Qosina carries a large assortment of single-use bag ports for welding to single-use bags and film. Our ports are available in a variety of materials and styles and can accommodate different sizes of tubing. Boat ports are available in multiple configurations with different hose barb configurations. Our larger sanitary flange bag ports are designed for use with powder and mixing applications.

## TABLE OF CONTENTS

Bag Port Flanges . . . . . 65-66
Boat Ports . . . . . 67
Twist-Off Bag Ports . . . . . 67

Scan to visit Bag Ports at QOSINA.COM

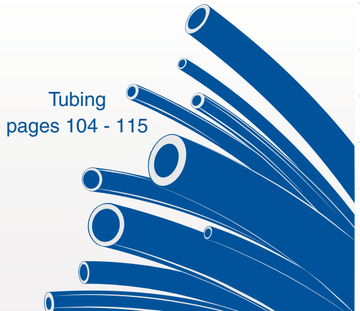
Related Products



Bag Chambers
pages 68 - 73



Oetiker® Clamps
pages 98 - 101



Tubing
pages 104 - 115

QOSINA Thousands of Stock Components Bioprocess



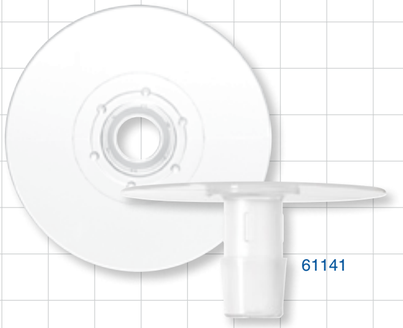


12045
Fits 5/32 inch ID Tubing (0.156 inch, 3.97 mm)
PU



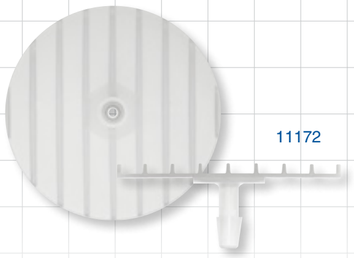
61148

| Flange with Flat Plate; POE | |
|---|---|
| Part No. | Measurement |
| 61568 | Fits 1/8 inch ID Tubing (0.125 inch, 3.18 mm) |
| 61569 | Fits 5/32 inch ID Tubing (0.156 inch, 3.97 mm) |
| 61570 | Fits 3/16 inch ID Tubing (0.187 inch, 4.76 mm) |
| 61571 | Fits 1/4 inch ID Tubing (0.25 inch, 6.35 mm) |
| 61572 | Fits 5/16 inch ID Tubing (0.312 inch, 7.94 mm) |
| 61573 | Fits 3/8 inch ID Tubing (0.375 inch, 9.53 mm) |
| 61145 | Fits 1/2 inch ID Tubing (0.5 inch, 12.7 mm) |
| 61146 | Fits 5/8 inch ID Tubing (0.625 inch, 15.88 mm) |
| 61147 | Fits 3/4 inch ID Tubing (0.75 inch, 19.05 mm) |
| 61148 | Fits 1 inch ID Tubing (25.4 mm) |



61141

| Flange with Dimples; POE | |
|---|---|
| Part No. | Measurement |
| 61574 | Fits 1/8 inch ID Tubing (0.125 inch, 3.18 mm) |
| 61575 | Fits 5/32 inch ID Tubing (0.156 inch, 3.97 mm) |
| 61576 | Fits 3/16 inch ID Tubing (0.187 inch, 4.76 mm) |
| 61577 | Fits 1/4 inch ID Tubing (0.25 inch, 6.35 mm) |
| 61578 | Fits 5/16 inch ID Tubing (0.312 inch, 7.94 mm) |
| 61579 | Fits 3/8 inch ID Tubing (0.375 inch, 9.53 mm) |
| 61141 | Fits 1/2 inch ID Tubing (0.5 inch, 12.7 mm) |
| 61142 | Fits 5/8 inch ID Tubing (0.625 inch, 15.88 mm) |
| 61143 | Fits 3/4 inch ID Tubing (0.75 inch, 19.05 mm) |
| 61144 | Fits 1 inch ID Tubing (25.4 mm) |

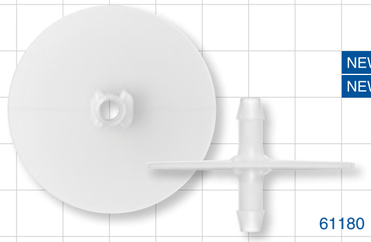


11172

| Flange with Ribbed Base; POE | |
|---|---|
| Part No. | Measurement |
| 11172 | Fits 1/8 inch ID Tubing (0.125 inch, 3.18 mm) |
| 11173 | Fits 5/32 inch ID Tubing (0.156 inch, 3.96 mm) |
| 11174 | Fits 3/16 inch ID Tubing (0.187 inch, 4.76 mm) |
| 11175 | Fits 1/4 inch ID Tubing (0.25 inch, 6.35 mm) |
| 11176 | Fits 5/16 inch ID Tubing (0.312 inch, 7.94 mm) |
| 11177 | Fits 3/8 inch ID Tubing (0.375 inch, 9.53 mm) |
| 61580 | Fits 1/2 inch ID Tubing (0.5 inch, 12.7 mm) |
| 61581 | Fits 5/8 inch ID Tubing (0.625 inch, 15.88 mm) |
| NEW! 61697 | Fits 3/4 inch ID Tubing (0.75 inch, 19.05 mm) |
| 12040 | Fits 1 inch ID Tubing (25.4 mm) |



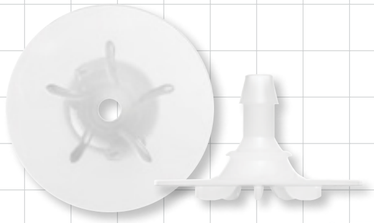
Back to Table of Contents
Connectors
Bag Ports
Bag Chambers
Sanitary Flanges, Caps & Gaskets
Clamps & Clips
Tubing
Injection & Sampling Ports
Syringes
Stopcocks & Manifolds
Valves
Filters
Tools
Sterilization Supplies
Adhesives
Swabs
Transport Tubes



61180

| Flange with Opposable Barb; POE | |
|---|---|
| Part No. | Measurement |
| NEW! 61225 | Fits 1/4 inch ID Tubing (0.25 inch, 6.35 mm) |
| NEW! 61226 | Fits 3/8 inch ID Tubing (0.375 inch, 9.53 mm) |
| 61149 | Fits 1/2 inch ID Tubing (0.5 inch, 12.7 mm) |

| Flange with Flat Plate, Opposable Barbs; PE | |
|---|---|
| Part No. | Measurement |
| 61180 | Fits 3/16 inch ID Tubing (0.187 inch, 4.76 mm) |
| 61182 | Fits 1/4 inch ID Tubing (0.25 inch, 6.35 mm) |
| 61183 | Fits 3/8 inch ID Tubing (0.375 inch, 9.53 mm) |
| 61332 | Fits 1/2 inch ID Tubing (0.5 inch, 12.7 mm) |
| 61184 | Fits 3/4 inch ID Tubing (0.75 inch, 19.05 mm) |



61177

| Bag Port Flange with Ribbed Base; PE | |
|---|---|
| Part No. | Measurement |
| 61175 | Fits 1/8 inch ID Tubing (0.125 inch, 3.18 mm) |
| 61177 | Fits 1/4 inch ID Tubing (0.25 inch, 6.35 mm) |
| 61178 | Fits 3/8 inch ID Tubing (0.375 inch, 9.53 mm) |
| 61330 | Fits 1/2 inch ID Tubing (0.5 inch, 12.7 mm) |
| 61331 | Fits 3/4 inch ID Tubing (0.75 inch, 19.05 mm) |
| 61179 | Fits 1 inch ID Tubing (25.4 mm) |



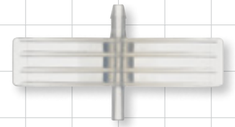
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61186

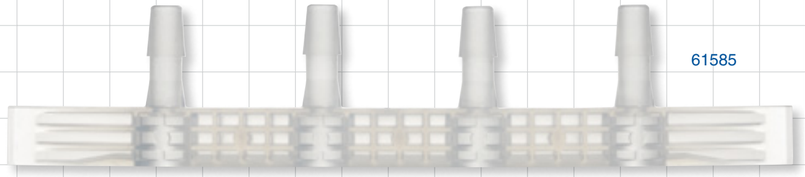
| Bag Port Flange with Sanitary Flange; PE | |
|---|---|
| Part No. | Measurement |
| 61185 | 1 inch/1.5 inch Standard Flange |
| 61186 | 3 inch Sanitary Flange |
| NEW! 62022 | 4 inch Sanitary Flange |







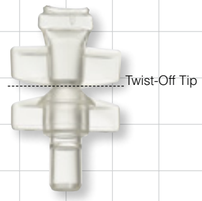
61587
**Boat Port, Barbed with Stem Port**
Barbed Port Fits 3/32 inch ID Tubing (0.094 inch, 2.38 mm)
Stem Port Fits 0.110 inch ID Tubing (2.8 mm)
POE



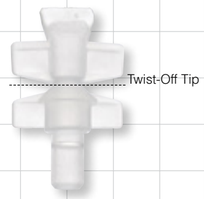
61585

| Boat Port, Barbed, Natural; POE | |
|---|---|
| Part No. | Measurement |
| 61583 | 1 Port Fits 3/32 inch ID Tubing (0.094 inch, 2.38 mm) |
| 61585 | 4 Ports Fit 1/4 inch ID Tubing (0.25 inch, 6.35 mm) |
| 61586 | 1 Port Fits 1/4 inch ID Tubing (0.25 inch, 6.35 mm); 3 Ports Fit 3/8 inch ID Tubing (0.375 inch, 9.53 mm) |
| 61584 | 1 Port Fits 5/8 inch ID Tubing (0.625 inch, 15.88 mm) |

## Twist-Off Bag Ports




65851
0.203 inch ID/0.28 inch OD
(5.16 mm/7.11 mm)
DEHP-Free PVC




65853
0.203 inch ID/0.28 inch OD
(5.16 mm/7.11 mm)
EVA

Back to Table of Contents
Connectors
Bag Ports
Bag Chambers
Sanitary Flanges, Caps & Gaskets
Clamps & Clips
Tubing
Injection & Sampling Ports
Syringes
Stopcocks & Manifolds
Valves
Filters
Tools
Sterilization Supplies
Adhesives
Swabs
Transport Tubes



# Bag Chambers

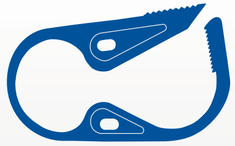
Qosina offers a selection of high-performance fluid storage and transfer bag chambers that are ideal for upstream and downstream bioprocessing applications. We carry multiple brands, film material options and port types in 2- and 3-port variations. Our bag chambers are available in volumes that range from 50mL to 50L.

## TABLE OF CONTENTS

Tube Ports .....69
Barbed ..... 70-73

Scan to visit Bags at QOSINA.COM

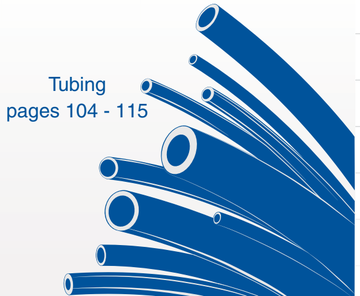
Related Products



Clamps & Clips pages 82 - 103



Bag Ports pages 64 - 67



Tubing pages 104 - 115

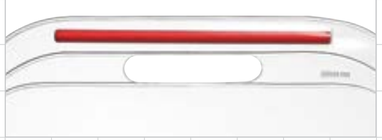




28601
Flexboy® 2D Bag Chamber
Non-Sterile
50 ml
2 Tubes 1/4 inch ID x 5/16 inch OD
1 Tube 3/16 inch ID x 1/4 inch OD
(0.25 inch x 0.313 inch, 6.35 mm x 7.94 mm;
0.187 inch x 0.25 inch, 4.76 mm x 6.35 mm)
EVA

Image shown at 50%

- Designed for preparation, storage and transport of biopharmaceutical solutions
- Manufactured with Flexboy® S71 EVA film
- Combines strength and flexibility
- Multiple sizes provide flexibility to incorporate into your process
- 5-liter bags and above have reinforced hanging bars



| Also Available: | | | |
|---|---|---|---|
| Part No. | Measurement | Ports | Material |
| 28602 | 150 ml; 2 Tubes 1/4 inch ID x 5/16 inch OD; 1 Tube 3/16 inch ID x 1/4 inch OD | 3 Ports | EVA |
| 28603* | 150 ml; 2 Tubes 1/4 inch ID x 5/16 inch OD; 1 Tube 3/16 inch ID x 1/4 inch OD Plugged | 3 Ports | EVA |
| 28604 | 250 ml; 2 Tubes 1/4 inch ID x 5/16 inch OD; 1 Tube 3/16 inch ID x 1/4 inch OD | 3 Ports | EVA |
| 28605 | 500 ml; 2 Tubes 1/4 inch ID x 5/16 inch OD; 1 Tube 3/16 inch ID x 1/4 inch OD | 3 Ports | EVA |
| 28606 | 1 Liter; 2 Tubes 1/4 inch ID x 5/16 inch OD; 1 Tube 3/16 inch ID x 1/4 inch OD | 3 Ports | EVA |
| 28607* | 1 Liter; 2 Tubes 1/4 inch ID x 5/16 inch OD | 2 Ports | EVA |
| 28608 | 2 Liter; 2 Tubes 1/4 inch ID x 5/16 inch OD; 1 Tube 3/16 inch ID x 1/4 inch OD | 3 Ports | EVA |
| 28609 | 3 Liter; 2 Tubes 1/4 inch ID x 5/16 inch OD; 1 Tube 3/16 inch ID x 1/4 inch OD | 3 Ports | EVA |
| 28610* | 3 Liter; 2 Tubes 1/4 inch ID x 5/16 inch OD | 2 Ports | EVA |
| 28611 | 5 Liter; 2 Tubes 3/8 inch ID x 15/32 inch OD; 1 Tube 3/16 inch ID x 1/4 inch OD | 3 Ports | EVA, PVC |
| 28612 | 10 Liter; 2 Tubes 3/8 inch ID x 15/32 inch OD; 1 Tube 3/16 inch ID x 1/4 inch OD | 3 Ports | EVA, PVC |
| 28613 | 20 Liter; 2 Tubes 3/8 inch ID x 15/32 inch OD; 1 Tube 3/16 inch ID x 1/4 inch OD | 3 Ports | EVA, PP |
| 28614 | 50 Liter; 2 Tubes 3/8 inch ID x 15/32 inch OD; 1 Tube 3/16 inch ID x 1/4 inch OD | 3 Ports | EVA, PP |

*These bags include printed branding



Back to Table of Contents
Connectors
Bag Ports
Bag Chambers
Sanitary Flanges, Caps & Gaskets
Clamps & Clips
Tubing
Injection & Sampling Ports
Syringes
Stopcocks & Manifolds
Valves
Filters
Tools
Sterilization Supplies
Adhesives
Swabs
Transport Tubes

Back to Table of Contents
Connectors
Bag Ports
Bag Chambers
Sanitary Flanges, Caps & Gaskets
Clamps & Clips
Tubing
Injection & Sampling Ports
Syringes
Stopcocks & Manifolds
Valves
Filters
Tools
Sterilization Supplies
Adhesives
Swabs
Transport Tubes

## BAG CHAMBERS

Barbed




28615
Flexsafe® 2D Bag Chamber
Non-Sterile
50 ml
Both Ports Fit 1/4 inch ID Tubing
(0.25 inch, 6.35 mm)
PE

Image shown at 75%

- Designed for fluid storage transfer of bioprocess applications
- Manufactured with Flexsafe® S80 PE film
- Combines strength and flexibility
- Multiple sizes provide flexibility to incorporate into your process

| | Also Available: | |
|---|---|---|
| | Part No. | Measurement |
| NEW! | 28629 | 50 ml; Both Ports Fit 1/8 inch ID Tubing (0.125 inch, 3.18 mm) |
| NEW! | 28630 | 150 ml; Both Ports Fit 1/8 inch ID Tubing (0.125 inch, 3.18 mm) |
| | 28616 | 150 ml; Both Ports Fit 1/4 inch ID Tubing (0.25 inch, 6.35 mm) |
| NEW! | 28631 | 250 ml; Both Ports Fit 1/8 inch ID Tubing (0.125 inch, 3.18 mm) |
| | 28617 | 250 ml; Both Ports Fit 1/4 inch ID Tubing (0.25 inch, 6.35 mm) |
| NEW! | 28632 | 500 ml; Both Ports Fit 1/8 inch ID Tubing (0.125 inch, 3.18 mm) |
| | 28618 | 500 ml; Both Ports Fit 1/4 inch ID Tubing (0.25 inch, 6.35 mm) |



## BAGS

Barbed




28619
Flexsafe® 2D Bag Chamber
Non-Sterile
1 Liter
2 Ports Fit 3/8 inch ID Tubing
(0.375 inch, 9.53 mm)
1 Port Fits 1/4 inch ID Tubing
(0.25 inch, 6.35 mm)
PE

Image shown at 50%

- Designed for fluid storage transfer of bioprocess applications
- Manufactured with Flexsafe® S80 PE film
- Combines strength and flexibility
- Multiple sizes provide flexibility to incorporate into your process
- 1-liter to 20-liter bags have reinforced hangers



| Also Available: | |
|---|---|
| Part No. | Measurement |
| 28620 | 1 Liter; 2 Ports Fit 3/8 inch ID Tubing (0.375 inch, 9.53 mm)<br>1 Plugged Port |
| 28621 | 3 Liter; 2 Ports Fit 3/8 inch ID Tubing (0.375 inch, 9.53 mm)<br>1 Port Fits 1/4 inch ID Tubing (0.25 inch, 6.35 mm) |
| 28622 | 3 Liter; 2 Ports Fit 3/8 inch ID Tubing (0.375 inch, 9.53 mm)<br>1 Plugged Port |
| 28624 | 5 Liter; 2 Ports Fit 3/8 inch ID Tubing (0.375 inch, 9.53 mm)<br>1 Plugged Port |
| 28625 | 5 Liter; 2 Ports Fit 3/8 inch ID Tubing (0.375 inch, 9.53 mm)<br>1 Port Fits 1/4 inch ID Tubing (0.25 inch, 6.35 mm) |
| 28626 | 10 Liter; 2 Ports Fit 3/8 inch ID Tubing (0.375 inch, 9.53 mm)<br>1 Port Fits 1/4 inch ID Tubing (0.25 inch, 6.35 mm) |
| 28627 | 20 Liter; 2 Ports Fit 3/8 inch ID Tubing (0.375 inch, 9.53 mm)<br>1 Port Fits 1/4 inch ID Tubing (0.25 inch, 6.35 mm) |
| 28628 | 50 Liter; 2 Ports Fit 3/8 inch ID Tubing (0.375 inch, 9.53 mm)<br>1 Port Fits 1/4 inch ID Tubing (0.25 inch, 6.35 mm) |



Back to Table of Contents
Connectors
Bag Ports
Bag Chambers
Sanitary Flanges, Caps & Gaskets
Clamps & Clips
Tubing
Injection & Sampling Ports
Syringes
Stopcocks & Manifolds
Valves
Filters
Tools
Sterilization Supplies
Adhesives
Swabs
Transport Tubes

Back to Table of Contents
Connectors
Bag Ports
Bag Chambers
Sanitary Flanges, Caps & Gaskets
Clamps & Clips
Tubing
Injection & Sampling Ports
Syringes
Stopcocks & Manifolds
Valves
Filters
Tools
Sterilization Supplies
Adhesives
Swabs
Transport Tubes




NEW!

28700
**2D Bag Chamber, Non-Sterile**
50 ml
Both Ports Fit 1/8 inch ID Tubing
(0.125 inch, 3.18 mm)
PE, POE, PP

- Designed for fluid storage transfer of bioprocess applications
- Manufactured with medical-grade Renolit 9101 PE film
- Provides superior clarity, flexibility, strength and chemical resistance
- Features TruFLO port design

| | Also Available: | |
|---|---|---|
| | Part No. | Measurement |
| NEW! | 28701 | 100 ml; Both Ports Fit 1/8 inch ID Tubing (0.125 inch, 3.18 mm) |
| NEW! | 28702 | 250 ml; Both Ports Fit 1/8 inch ID Tubing (0.125 inch, 3.18 mm) |
| NEW! | 28703 | 500 ml; Both Ports Fit 1/8 inch ID Tubing (0.125 inch, 3.18 mm) |
| NEW! | 28704 | 1 Liter; Both Ports Fit 1/8 inch ID Tubing (0.125 inch, 3.18 mm) |





Back to Table of Contents
Connectors
Bag Ports
Bag Chambers
Sanitary Flanges, Caps & Gaskets
Clamps & Clips
Tubing
Injection & Sampling Ports
Syringes
Stopcocks & Manifolds
Valves
Filters
Tools
Sterilization Supplies
Adhesives
Swabs
Transport Tubes



Image shown at 40%

NEW!

28705
**2D Bag Chamber, Non-Sterile**
2 Liter
Both Ports Fit 1/4 inch ID Tubing
(0.25 inch, 6.35 mm)
PE, POE, PBT

- Designed for fluid storage transfer of bioprocess applications
- Manufactured with medical-grade Renolit 9101 PE film
- Provides superior clarity, flexibility, strength and chemical resistance
- Features TruFLO port design

| | Also Available: | |
|---|---|---|
| | Part No. | Measurement |
| NEW! | 28706 | 5 Liter; 2 Ports Fit 3/8 inch ID Tubing (0.375 inch, 9.53 mm)<br>1 Port Fits 1/8 inch ID Tubing (0.125 inch, 3.18 mm) |
| NEW! | 28707 | 10 Liter; 2 Ports Fit 3/8 inch ID Tubing (0.375 inch, 9.53 mm)<br>1 Port Fits 1/8 inch ID Tubing (0.125 inch, 3.18 mm) |
| NEW! | 28708 | 20 Liter; 2 Ports Fit 3/8 inch ID Tubing (0.375 inch, 9.53 mm)<br>1 Port Fits 1/8 inch ID Tubing (0.125 inch, 3.18 mm) |
| NEW! | 28709 | 50 Liter; 2 Ports Fit 3/8 inch ID Tubing (0.375 inch, 9.53 mm)<br>1 Port Fits 1/8 inch ID Tubing (0.125 inch, 3.18 mm) |



# Sanitary Flanges, Caps & Gaskets

Qosina stocks a large selection of sanitary flanges in multiple sizes and barb styles to accommodate many different sizes of tubing. Our flanges are used with associated sanitary gaskets and end caps of various styles and sizes. We also offer flanges with pre-attached gaskets.

## TABLE OF CONTENTS

Sanitary Flanges . . . . . 75-79
Sanitary Flange End Caps . . . . . 80
Sanitary Flange Gaskets . . . . . 81

Scan to visit
Sanitary Flanges, Caps & Gaskets
at QOSINA.COM

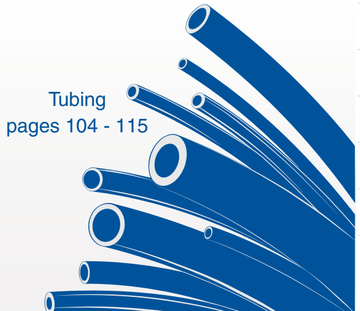
Related Products



Oetiker® Clamps
pages 98 - 101



Flange Clamps
pages 102 - 103



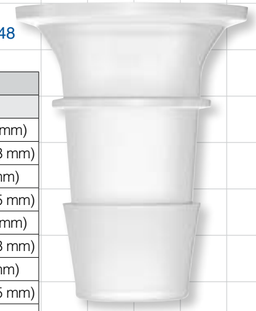
Tubing
pages 104 - 115



Works with flange clamps on pages 102 - 103



51740



51748

| FlowLinX™ Sanitary Flange, Barbed; PP | | | |
|---|---|---|---|
| | Part No. | Description | Measurement |
| NEW! | 51740 | 0.5 inch/0.75 inch Mini | Fits 1/4 inch ID Tubing (0.25 inch, 6.35 mm) |
| NEW! | 51741 | 0.5 inch/0.75 inch Mini | Fits 3/8 inch ID Tubing (0.375 inch, 9.53 mm) |
| NEW! | 51742 | 0.5 inch/0.75 inch Mini | Fits 1/2 inch ID Tubing (0.5 inch, 12.7 mm) |
| NEW! | 51743 | 0.5 inch/0.75 inch Mini | Fits 3/4 inch ID Tubing (0.75 inch, 19.05 mm) |
| NEW! | 51744 | 1 inch/1.5 inch Standard | Fits 1/4 inch ID Tubing (0.25 inch, 6.35 mm) |
| NEW! | 51745 | 1 inch/1.5 inch Standard | Fits 3/8 inch ID Tubing (0.375 inch, 9.53 mm) |
| NEW! | 51746 | 1 inch/1.5 inch Standard | Fits 1/2 inch ID Tubing (0.5 inch, 12.7 mm) |
| NEW! | 51747 | 1 inch/1.5 inch Standard | Fits 3/4 inch ID Tubing (0.75 inch, 19.05 mm) |
| NEW! | 51748 | 1 inch/1.5 inch Standard | Fits 1 inch ID Tubing (25.4 mm) |

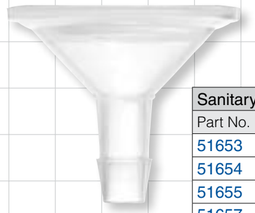


51645



51647

| Sanitary Flange with Barb | | | | |
|---|---|---|---|---|
| | Part No. | Description | Measurement | Material |
| NEW! | 61799 | 0.5 inch/0.75 inch Mini | Fits 1/8 inch ID Tubing (0.125 inch, 3.18 mm) | PP |
| | 51645 | 0.5 inch/0.75 inch Mini | Fits 1/4 inch ID Tubing (0.25 inch, 6.35 mm) | PP |
| | 51646 | 0.5 inch/0.75 inch Mini | Fits 1/4 inch ID Tubing (0.25 inch, 6.35 mm) | Kynar (PVDF) |
| | 51647 | 0.5 inch/0.75 inch Mini | Fits 3/8 inch ID Tubing (0.375 inch, 9.53 mm) | PP |
| | 51649 | 0.5 inch/0.75 inch Mini | Fits 1/2 inch ID Tubing (0.5 inch, 12.7 mm) | PP |
| | 51650 | 0.5 inch/0.75 inch Mini | Fits 1/2 inch ID Tubing (0.5 inch, 12.7 mm) | Kynar (PVDF) |
| | 51651 | 0.5 inch/0.75 inch Mini | Fits 3/4 inch ID Tubing (0.75 inch, 19.05 mm) | PP |
| | 51652 | 0.5 inch/0.75 inch Mini | Fits 3/4 inch ID Tubing (0.75 inch, 19.05 mm) | Kynar (PVDF) |



51655

| Sanitary Flange with Barb | | | |
|---|---|---|---|
| Part No. | Description | Measurement | Material |
| 51653 | 1 inch/1.5 inch Standard | Fits 1/4 inch ID Tubing (0.25 inch, 6.35 mm) | PP |
| 51654 | 1 inch/1.5 inch Standard | Fits 1/4 inch ID Tubing (0.25 inch, 6.35 mm) | Kynar (PVDF) |
| 51655 | 1 inch/1.5 inch Standard | Fits 3/8 inch ID Tubing (0.375 inch, 9.53 mm) | PP |
| 51657 | 1 inch/1.5 inch Standard | Fits 1/2 inch ID Tubing (0.5 inch, 12.7 mm) | PP |
| 51658 | 1 inch/1.5 inch Standard | Fits 1/2 inch ID Tubing (0.5 inch, 12.7 mm) | Kynar (PVDF) |
| 51659 | 1 inch/1.5 inch Standard | Fits 3/4 inch ID Tubing (0.75 inch, 19.05 mm) | PP |
| 51660 | 1 inch/1.5 inch Standard | Fits 3/4 inch ID Tubing (0.75 inch, 19.05 mm) | Kynar (PVDF) |
| 51661 | 1 inch/1.5 inch Standard | Fits 1 inch ID Tubing (1 inch, 25.4 mm) | PP |



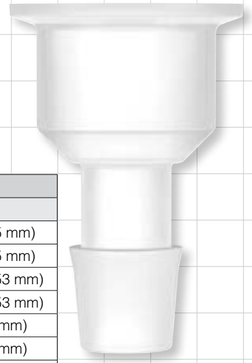
Back to Table of Contents
Connectors
Bag Ports
Bag Chambers
Sanitary Flanges, Caps & Gaskets
Clamps & Clips
Tubing
Injection & Sampling Ports
Syringes
Stopcocks & Manifolds
Valves
Filters
Tools
Sterilization Supplies
Adhesives
Swabs
Transport Tubes

Back to Table of Contents
Connectors
Bag Ports
Bag Chambers
Sanitary Flanges, Caps & Gaskets
Clamps & Clips
Tubing
Injection & Sampling Ports
Syringes
Stopcocks & Manifolds
Valves
Filters
Tools
Sterilization Supplies
Adhesives
Swabs
Transport Tubes

61874



61873



All flanges on this page work with clamps on pages 102 - 103

| Sanitary Flange with Barb; PP | | | |
|---|---|---|---|
| | Part No. | Description | Measurement |
| NEW! | 61874 | 0.5 inch/0.75 inch Mini | Fits 1/4 inch ID Tubing (0.25 inch, 6.35 mm) |
| NEW! | 61696 | 0.5 inch/0.75 inch Mini | Fits 1/4 inch ID Tubing (0.25 inch, 6.35 mm) |
| NEW! | 61875 | 0.5 inch/0.75 inch Mini | Fits 3/8 inch ID Tubing (0.375 inch, 9.53 mm) |
| NEW! | 61965 | 0.5 inch/0.75 inch Mini | Fits 3/8 inch ID Tubing (0.375 inch, 9.53 mm) |
| NEW! | 61876 | 0.5 inch/0.75 inch Mini | Fits 1/2 inch ID Tubing (0.5 inch, 12.7 mm) |
| NEW! | 61698 | 0.5 inch/0.75 inch Mini | Fits 1/2 inch ID Tubing (0.5 inch, 12.7 mm) |
| NEW! | 61877 | 1 inch/1.5 inch Standard | Fits 1/4 inch ID Tubing (0.25 inch, 6.35 mm) |
| NEW! | 61699 | 1 inch/1.5 inch Standard | Fits 1/4 inch ID Tubing (0.25 inch, 6.35 mm) |
| NEW! | 61878 | 1 inch/1.5 inch Standard | Fits 3/8 inch ID Tubing (0.375 inch, 9.53 mm) |
| NEW! | 61871 | 1 inch/1.5 inch Standard | Fits 3/8 inch ID Tubing (0.375 inch, 9.53 mm) |
| NEW! | 61879 | 1 inch/1.5 inch Standard | Fits 1/2 inch ID Tubing (0.5 inch, 12.7 mm) |
| NEW! | 61872 | 1 inch/1.5 inch Standard | Fits 1/2 inch ID Tubing (0.5 inch, 12.7 mm) |
| NEW! | 61880 | 1 inch/1.5 inch Standard | Fits 3/4 inch ID Tubing (0.75 inch, 19.05 mm) |
| NEW! | 61873 | 1 inch/1.5 inch Standard | Fits 3/4 inch ID Tubing (0.75 inch, 19.05 mm) |

51617



51623



| Sanitary Flange with Barb; PP | | | |
|---|---|---|---|
| Part No. | Description | Measurement |
| 61713 | 0.5 inch/0.75 inch Mini | Fits 1/8 inch ID Tubing (0.125 inch, 3.18 mm) |
| 51617 | 0.5 inch/0.75 inch Mini | Fits 1/4 inch ID Tubing (0.25 inch, 6.35 mm) |
| 51618 | 0.5 inch/0.75 inch Mini | Fits 3/8 inch ID Tubing (0.375 inch, 9.53 mm) |
| 51619 | 0.5 inch/0.75 inch Mini | Fits 1/2 inch ID Tubing (0.5 inch, 12.7 mm) |
| 61714 | 0.5 inch/0.75 inch Mini | Fits 5/8 inch ID Tubing (0.625 inch, 15.88 mm) |
| 61715 | 1 inch/1.5 inch Standard | Fits 1/8 inch ID Tubing (0.125 inch, 3.18 mm) |
| 51620 | 1 inch/1.5 inch Standard | Fits 1/4 inch ID Tubing (0.25 inch, 6.35 mm) |
| 51621 | 1 inch/1.5 inch Standard | Fits 3/8 inch ID Tubing (0.375 inch, 9.53 mm) |
| 51622 | 1 inch/1.5 inch Standard | Fits 1/2 inch ID Tubing (0.5 inch, 12.7 mm) |
| 61716 | 1 inch/1.5 inch Standard | Fits 5/8 inch ID Tubing (0.625 inch, 15.88 mm) |
| 51623 | 1 inch/1.5 inch Standard | Fits 3/4 inch ID Tubing (0.75 inch, 19.05 mm) |
| 61717 | 1 inch/1.5 inch Standard | Fits 7/8 inch ID Tubing (0.875 inch, 22.23 mm) |
| 61718 | 1 inch/1.5 inch Standard | Fits 1 inch ID Tubing (1 inch, 25.4 mm) |



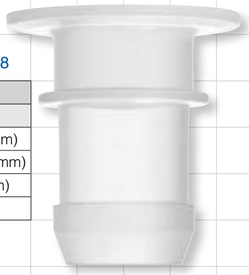




61709



61718



| Sanitary Flange with Barb; PP | | | |
|---|---|---|---|
| Part No. | Description | Measurement |
| 61709 | 0.5 inch/0.75 inch Mini | Fits 1/4 inch ID Tubing (0.25 inch, 6.35 mm) |
| 61710 | 0.5 inch/0.75 inch Mini | Fits 3/8 inch ID Tubing (0.375 inch, 9.53 mm) |
| 61711 | 0.5 inch/0.75 inch Mini | Fits 1/2 inch ID Tubing (0.5 inch, 12.7 mm) |
| 61712 | 1 inch/1.5 inch Standard | Fits 1 inch ID Tubing (1 inch, 25.4 mm) |

61811



61821



| Sanitary Flange with Barb; PP | | | |
|---|---|---|---|
| | Part No. | Description | Measurement |
| NEW! | 61811 | 0.5 inch/0.75 inch Mini | Fits 1/8 inch ID Tubing (0.125 inch, 3.18 mm) |
| NEW! | 61812 | 0.5 inch/0.75 inch Mini | Fits 3/16 inch ID Tubing (0.187 inch, 4.76 mm) |
| NEW! | 61813 | 0.5 inch/0.75 inch Mini | Fits 1/4 inch ID Tubing (0.25 inch, 6.35 mm) |
| NEW! | 61814 | 0.5 inch/0.75 inch Mini | Fits 3/8 inch ID Tubing (0.375 inch, 9.53 mm) |
| NEW! | 61815 | 0.5 inch/0.75 inch Mini | Fits 1/2 inch ID Tubing (0.5 inch, 12.7 mm) |
| NEW! | 61816 | 0.5 inch/0.75 inch Mini | Fits 3/4 inch ID Tubing (0.75 inch, 19.05 mm) |
| NEW! | 61817 | 1 inch/1.5 inch Standard | Fits 1/4 inch ID Tubing (0.25 inch, 6.35 mm) |
| NEW! | 61818 | 1 inch/1.5 inch Standard | Fits 3/8 inch ID Tubing (0.375 inch, 9.53 mm) |
| NEW! | 61819 | 1 inch/1.5 inch Standard | Fits 1/2 inch ID Tubing (0.5 inch, 12.7 mm) |
| NEW! | 61820 | 1 inch/1.5 inch Standard | Fits 3/4 inch ID Tubing (0.75 inch, 19.05 mm) |
| NEW! | 61821 | 1 inch/1.5 inch Standard | Fits 1 inch ID Tubing (1 inch, 25.4 mm) |

61800



61810



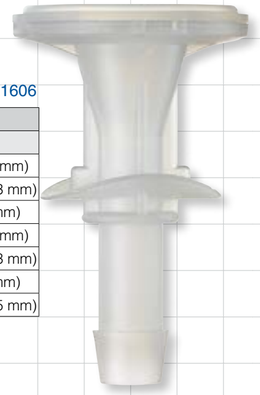
| Sanitary Flange with Barb, Pre-Attached Gasket; PP, TPE | | | |
|---|---|---|---|
| | Part No. | Description | Measurement |
| NEW! | 61800 | 0.5 inch/0.75 inch Mini | Fits 1/8 inch ID Tubing (0.125 inch, 3.18 mm) |
| NEW! | 61801 | 0.5 inch/0.75 inch Mini | Fits 3/16 inch ID Tubing (0.187 inch, 4.76 mm) |
| NEW! | 61802 | 0.5 inch/0.75 inch Mini | Fits 1/4 inch ID Tubing (0.25 inch, 6.35 mm) |
| NEW! | 61803 | 0.5 inch/0.75 inch Mini | Fits 3/8 inch ID Tubing (0.375 inch, 9.53 mm) |
| NEW! | 61804 | 0.5 inch/0.75 inch Mini | Fits 1/2 inch ID Tubing (0.5 inch, 12.7 mm) |
| NEW! | 61805 | 0.5 inch/0.75 inch Mini | Fits 3/4 inch ID Tubing (0.75 inch, 19.05 mm) |
| NEW! | 61806 | 1 inch/1.5 inch Standard | Fits 1/4 inch ID Tubing (0.25 inch, 6.35 mm) |
| NEW! | 61807 | 1 inch/1.5 inch Standard | Fits 3/8 inch ID Tubing (0.375 inch, 9.53 mm) |
| NEW! | 61808 | 1 inch/1.5 inch Standard | Fits 1/2 inch ID Tubing (0.5 inch, 12.7 mm) |
| NEW! | 61809 | 1 inch/1.5 inch Standard | Fits 3/4 inch ID Tubing (0.75 inch, 19.05 mm) |
| NEW! | 61810 | 1 inch/1.5 inch Standard | Fits 1 inch ID Tubing (1 inch, 25.4 mm) |

# SANITARY FLANGES, CAPS & GASKETS

## Sanitary Flanges
Barbed



51601



51606

| Sanitary Flange with Barb, Pre-Attached Gasket; PP, Silicone | | | |
|---|---|---|---|
| | Part No. | Description | Measurement |
| | 51601 | 0.5 inch/0.75 inch Mini | Fits 1/4 inch ID Tubing (0.25 inch, 6.35 mm) |
| | 51602 | 0.5 inch/0.75 inch Mini | Fits 3/8 inch ID Tubing (0.375 inch, 9.53 mm) |
| | 51603 | 0.5 inch/0.75 inch Mini | Fits 1/2 inch ID Tubing (0.5 inch, 12.7 mm) |
| NEW! | 61700 | 1 inch/1.5 inch Standard | Fits 1/4 inch ID Tubing (0.25 inch, 6.35 mm) |
| | 51605 | 1 inch/1.5 inch Standard | Fits 3/8 inch ID Tubing (0.375 inch, 9.53 mm) |
| | 51606 | 1 inch/1.5 inch Standard | Fits 1/2 inch ID Tubing (0.5 inch, 12.7 mm) |
| NEW! | 61701 | 1 inch/1.5 inch Standard | Fits 3/4 inch ID Tubing (0.75 inch, 19.05 mm) |

All flanges on this page work with clamps on pages 102 - 103



Image shown at 50%

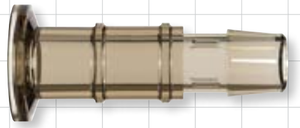
51609

| Sanitary Flange with Barb, Pre-Attached Gasket in Sealed Pouch | | | | |
|---|---|---|---|---|
| | Part No. | Description | Measurement | Material |
| NEW! | 61702 | 0.5 inch/0.75 inch Mini | Fits 1/4 inch ID Tubing (0.25 inch, 6.35 mm); 4 inch x 4 inch Pouch | HDPE, PET/LLDPE, Silicone |
| NEW! | 61703 | 0.5 inch/0.75 inch Mini | Fits 3/8 inch ID Tubing (0.375 inch, 9.53 mm); 4 inch x 4 inch Pouch | HDPE, PET/LLDPE, Silicone |
| NEW! | 61704 | 0.5 inch/0.75 inch Mini | Fits 1/2 inch ID Tubing (0.5 inch, 12.7 mm); 4 inch x 4 inch Pouch | HDPE, PET/LLDPE, Silicone |
| NEW! | 61705 | 1 inch/1.5 inch Standard | Fits 1/4 inch ID Tubing (0.25 inch, 6.35 mm); 5 inch x 5 inch Pouch | HDPE, PET/LLDPE, Silicone |
| | 51609 | 1 inch/1.5 inch Standard | Fits 3/8 inch ID Tubing (0.375 inch, 9.53 mm); 5 inch x 5 inch Pouch | HDPE, PET/LLDPE, Silicone |
| NEW! | 61706 | 1 inch/1.5 inch Standard | Fits 1/2 inch ID Tubing (0.5 inch, 12.7 mm); 5 inch x 5 inch Pouch | HDPE, PET/LLDPE, Silicone |
| NEW! | 61707 | 1 inch/1.5 inch Standard | Fits 3/4 inch ID Tubing (0.75 inch, 19.05 mm); 5 inch x 5 inch Pouch | HDPE, PET/LLDPE, Silicone |

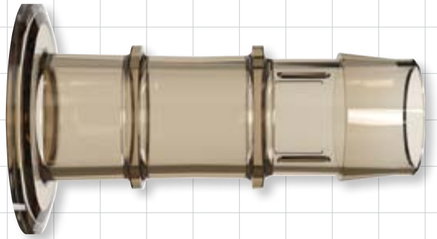




## Sanitary Flanges
Barbed



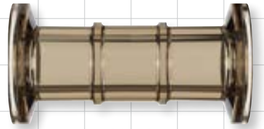
61150
0.5 inch/0.75 inch Mini;
Fits 1/2 inch ID Tubing
(0.5 inch, 12.7 mm)
PSU



61151
1 inch/1.5 inch Standard;
Fits 1 inch ID Tubing
(25.4 mm)
PSU

## Sanitary Flanges
Double-sided

All flanges on this page work with clamps on pages 102 - 103



61152
0.5 inch/0.75 inch Mini
PSU



NEW!
65142
1 inch/1.5 inch Standard x
0.5 inch/0.75 inch Mini
PP



Back to Table of Contents
Connectors
Bag Ports
Bag Chambers
Sanitary Flanges, Caps & Gaskets
Clamps & Clips
Tubing
Injection & Sampling Ports
Syringes
Stopcocks & Manifolds
Valves
Filters
Tools
Sterilization Supplies
Adhesives
Swabs
Transport Tubes



51615
BioEnd Cap™
Fits 0.5 inch/0.75 inch Mini Flange
PP

| Also Available: | |
|---|---|
| Part No. | Measurements |
| 51616 | Fits 1 inch/1.5 inch Standard Flange |



51641
Sanitary Fitting End Cap
Fits 0.5 inch/0.75 inch Mini Flange
PP

| Also Available: | | |
|---|---|---|
| | Part No. | Measurements |
| NEW! | 51643 | Fits 1 inch/1.5 inch Standard Flange |



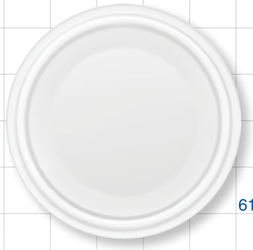
NEW!

51751
FlowLinX™ Sanitary Flange End Cap
Fits 0.5 inch/0.75 inch Mini Flange
PP

| Also Available: | | |
|---|---|---|
| | Part No. | Measurements |
| NEW! | 51752 | Fits 1 inch/1.5 inch Standard Flange |



61708
Sanitary Fitting End Cap
Pre-Attached Gasket
Fits 1 inch/1.5 inch Standard Flange
PP



61693

| | Sanitary Fitting End Cap; PP | |
|---|---|---|
| | Part No. | Measurements |
| NEW! | 61692 | Fits 0.5 inch/0.75 inch Mini Flange |
| | 61720 | Fits 0.5 inch/0.75 inch Mini Flange |
| NEW! | 61693 | Fits 1 inch/1.5 inch Standard Flange |
| | 61721 | Fits 1 inch/1.5 inch Standard Flange |
| | 61722 | Fits 2 inch Sanitary Flange |
| NEW! | 61723 | Fits 2.5 inch Sanitary Flange |
| NEW! | 61694 | Fits 3 inch Sanitary Flange |
| NEW! | 62023 | Fits 3 inch Sanitary Flange |
| NEW! | 61695 | Fits 4 inch Sanitary Flange |
| | 51735 | Fits 4 inch Sanitary Flange |

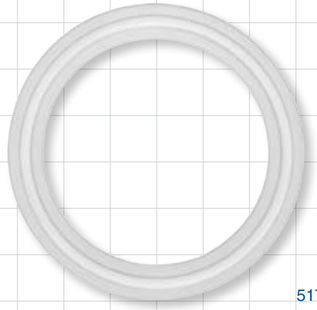








51720



51724

| Gasket; Silicone | | |
|---|---|---|
| | Part No. | Measurements |
| NEW! | 51705 | 0.5 inch |
| NEW! | 51720 | 0.5 inch |
| NEW! | 51706 | 0.75 inch |
| NEW! | 51721 | 0.75 inch |
| NEW! | 51707 | 1 inch |
| NEW! | 51722 | 1 inch |
| NEW! | 51708 | 1.5 inch |
| NEW! | 51723 | 1.5 inch |
| NEW! | 51709 | 2 inch |
| NEW! | 51724 | 2 inch |
| NEW! | 51710 | 2.5 inch |
| NEW! | 51725 | 2.5 inch |
| NEW! | 51711 | 3 inch |
| NEW! | 51726 | 3 inch |
| NEW! | 51712 | 4 inch |
| NEW! | 51727 | 4 inch |
| NEW! | 51713 | 6 inch |
| NEW! | 51728 | 6 inch |
| NEW! | 51714 | 8 inch |

QOSINA Thousands of Stock Components Bioprocess

# Clamps & Clips

Qosina offers a variety of single-use tube clamps in an assortment of sizes, colors and styles to prevent the flow of fluid and allow for easy identification when included in your tubing assembly. Clamps are available to fit tubing dimensions of various ODs and are made from high-quality materials to suit various applications. We also offer a variety of bag clamps in different styles, colors and sealing lengths.

We offer several types of securing clamps, including cable ties and Oetiker® clamps, which are retention devices designed to attach tubing to a mechanical hose barb connection.

Sanitary flange clamps are designed to attach flanges with the associated gaskets and end caps. These are offered in various styles, colors and sizes.

## TABLE OF CONTENTS

Tubing Clamps ..... 83-90
- Pinch ..... 83-87
- Slide ..... 88-89
- Screw ..... 90

Bag Clamps ..... 91-92

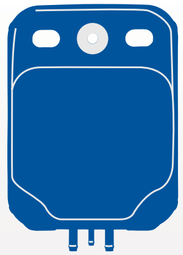
Tubing Management ..... 93-95
- Accessories ..... 93
- Channel Clips ..... 94-95

Securing Clamps ..... 96-101
- Cable Ties ..... 96-97
- Oetiker® StepLess® Ear Clamps ..... 98-99
- Oetiker® Ear Clamps ..... 100-101

Sanitary Flange Clamps ..... 102-103
- Reopening ..... 102-103
- Non-Reopening ..... 103

Scan to visit Clamps & Clips at QOSINA.COM

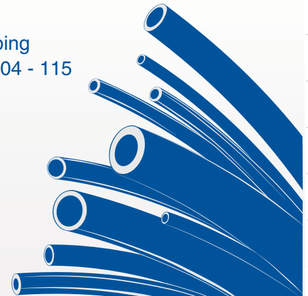
Related Products



Bags Chambers pages 68 - 73



Sanitary Flanges pages 74 - 81



Tubing pages 104 - 115



QOSINA Thousands of Stock Components Bioprocess





13616
Fits 0.059 inch - 0.102 inch OD Tubing (1.5 mm - 2.59 mm)
PP

| Also Available: | |
|---|---|
| Part No. | Color |
| 13617 | Red |
| 13618 | Blue |



14065
Fits 0.059 inch - 0.118 inch OD Tubing (1.5 mm - 3 mm)
PP

| Also Available: | |
|---|---|
| Part No. | Color |
| 14064 | White |

NEW!



14090
Fits 0.079 inch - 0.118 inch OD Tubing (2.01 mm - 3 mm)
ABS



140082
Fits 0.118 inch OD Tubing (3 mm)
PP



11089
Fits 0.125 inch - 0.15 inch OD Tubing (3.18 mm - 3.81 mm)
PP

| Also Available: | | |
|---|---|---|
| Part No. | Material | Color |
| 14035 | Acetal | Natural |
| 14036 | PP | Natural |



14040
Fits 0.16 inch OD Tubing (4.06 mm)
PP

| Also Available: | |
|---|---|
| Part No. | Color |
| 14041 | Red |
| 14042 | White |



13603
Fits 0.161 inch - 0.197 inch OD Tubing (4.09 mm - 5 mm)
POM

| Also Available: | | |
|---|---|---|
| Part No. | Material | Color |
| 13600 | POM | Natural |
| 13601 | POM | Red |
| 13604 | POM | Blue |
| 13605 | PP | Natural |
| 13606 | PP | White |





Angled View

13020
Side Load
Fits 0.197 inch - 0.284 inch OD Tubing (5 mm - 7.21 mm)
PP



13997
Ratchet Style
Fits 0.2 inch - 0.375 inch OD Tubing (5.08 mm - 9.53 mm)
PP

| Also Available: | |
|---|---|
| Part No. | Color |
| 14106 | Red |
| 14107 | Blue |



13612
Fits 0.216 inch OD Tubing (5.49 mm)
PP



14088
Fits 0.217 inch - 0.268 inch OD Tubing (5.51 mm - 6.81 mm)
PP



14089
Fits 0.217 inch - 0.268 inch OD Tubing (5.51 mm - 6.81 mm)
PP



Back to Table of Contents
Connectors
Bag Ports
Bag Chambers
Sanitary Flanges, Caps & Gaskets
Clamps & Clips
Tubing
Injection & Sampling Ports
Syringes
Stopcocks & Manifolds
Valves
Filters
Tools
Sterilization Supplies
Adhesives
Swabs
Transport Tubes

## CLAMPS & CLIPS

### Tubing Clamps
Pinch



14112
Fits 0.079 inch - 0.217 inch OD Tubing (2.01 mm - 5.5 mm)
PP

| Also Available: | |
|---|---|
| Part No. | Color |
| 14113 | Red |
| 14114 | White |
| 14115 | Yellow |
| 14116 | Blue |
| 14117 | Green |



14118
Fits 0.094 inch - 0.161 inch OD Tubing (2.39 mm - 4.09 mm)
PP



65741
Fits 0.217 inch - 0.268 inch OD Tubing (5.5 mm - 6.8 mm)
PP

| Also Available: | |
|---|---|
| Part No. | Color |
| 65739 | White |
| 65740 | Blue |



140142
Fits 0.218 inch OD Tubing (5.54 mm)
POM

| Also Available: | |
|---|---|
| Part No. | Color |
| 140143 | Blue |



13608
Fits 0.248 inch - 0.275 inch OD Tubing (6.3 mm - 6.99 mm)
POM

| Also Available: | | |
|---|---|---|
| Part No. | Material | Color |
| 13607 | POM | White |
| 13609 | POM | Blue |
| 13610 | PP | Natural |
| 13611 | PP | White |



14100
Fits 0.25 inch OD Tubing (6.35 mm)
PP

| Also Available: | |
|---|---|
| Part No. | Color |
| 14101 | Red |
| 14102 | Black |
| 14105 | White |

NEW!



13621
Sidewall
Fits 0.25 inch OD Tubing (6.35 mm)
PP



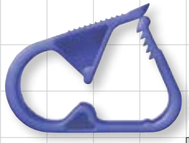
Angled View

| Also Available: | | |
|---|---|---|
| | Part No. | Color |
| NEW! | 13622 | Red |
| NEW! | 13623 | Yellow |
| NEW! | 13624 | Blue |



140322
Fits 0.268 inch OD Tubing (6.81 mm)
PP

| Also Available: | |
|---|---|
| Part No. | Color |
| 140321 | White |
| 140323 | Blue |



140073
Ratchet Style
Fits 0.268 inch OD Tubing (6.81 mm)
PP

| Also Available: | |
|---|---|
| Part No. | Color |
| 140071 | Red |
| 140072 | White |



14083
Ratchet Style
Fits 0.45 inch OD Tubing (11.43 mm)
PBT

| Also Available: | | |
|---|---|---|
| Part No. | Material | Color |
| 14084 | PP | Blue |
| 14085 | PP | Black |
| 14086 | PP | Red |
| 14087 | PP | Yellow |





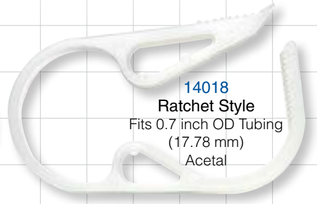
## CLAMPS & CLIPS

A ratchet style clamp features a set of angled teeth that provide multiple levels of flow control

### Tubing Clamps
Pinch

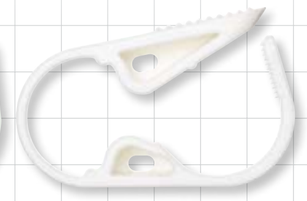


14034
Ratchet Style
Fits 0.5 inch - 0.625 inch OD Tubing (12.7 mm - 15.88 mm)
PBT

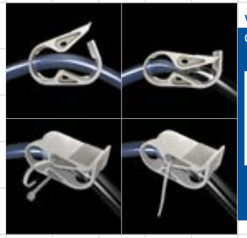


14018
Ratchet Style
Fits 0.7 inch OD Tubing (17.78 mm)
Acetal

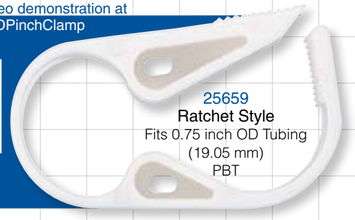
| Also Available: | |
|---|---|
| Part No. | Color |
| 14108 | Red |
| 14109 | Blue |
| 14110 | Green |
| 14111 | Yellow |



11496
Ratchet Style
Fits 0.75 inch OD Tubing (19.05 mm)
PBT



View a full video demonstration at qosina.com/3DPinchClamp



25659
Ratchet Style
Fits 0.75 inch OD Tubing (19.05 mm)
PBT

NEW!

| Also Available: | |
|---|---|
| Part No. | Color |
| 25152 | Yellow |
| 25153 | Black |
| 25154 | Red |
| 25155 | Green |
| 25156 | Blue |

For permanent closure, see page 198 for non-reopening cable ties.

### Sample Assortment Kit



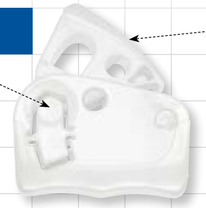

Q9000 PC
Pinch & Ratchet Sample Assortment Kit
Multiple Materials
Image shown at 50%

**Kit contents subject to change.**

Back to Table of Contents
Connectors
Bag Ports
Bag Chambers
Sanitary Flanges, Caps & Gaskets
Clamps & Clips
Tubing
Injection & Sampling Ports
Syringes
Stopcocks & Manifolds
Valves
Filters
Tools
Sterilization Supplies
Adhesives
Swabs
Transport Tubes

Squeeze to release

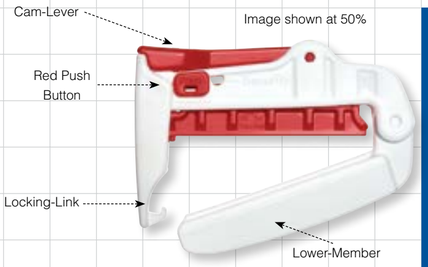
Press down to lock



61786
**Pure-Fit® TC Clamp**
Fits 1/8 inch - 3/8 inch OD Tubing
(0.125 inch - 0.375 inch, 3.18 mm - 9.53 mm)
Minimum Wall Section 0.03 inch (0.76 mm)
PP

| Also Available: | | |
|---|---|---|
| Part No. | Measurement | Material |
| 61787 | Fits 1/8 inch - 3/8 inch OD Tubing (0.125 inch - 0.375 inch, 3.18 mm - 9.53 mm)<br>Minimum Wall Section 0.03 inch (0.76 mm) | PVDF |
| 61788 | Fits 3/8 inch - 3/4 inch OD Tubing (0.375 inch - 0.75 inch, 9.53 mm - 19.05 mm)<br>Minimum Wall Section 0.06 inch (1.52 mm) | PP |
| 61789 | Fits 3/8 inch - 3/4 inch OD Tubing (0.375 inch - 0.75 inch, 9.53 mm - 19.05 mm)<br>Minimum Wall Section 0.06 inch (1.52 mm) | PVDF |

See page 96 for cable ties for permanent closure




- While pressing the Red Push Button, pull the Cam-Lever back toward the hinge of the clamp
- Pull the Lower-Member away from the Locking-Link
- Position the tube in the gate, as close as possible to the hinge of the clamp
- Push the Lower-Member to the desired position ("Flow" or "Stop Flow") and rotate the Cam-Lever to the closed position
- The tubing is now held in the "Flow" position or locked in the "Stop Flow" position

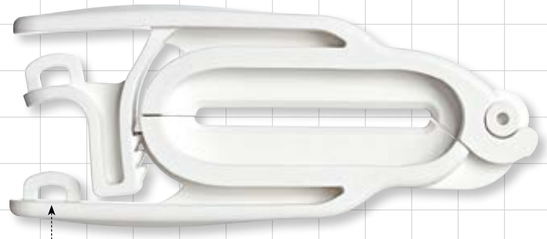
61791
**Pure-Fit® TCL Clamp**
Fits 3/4 inch - 2 inch OD Tubing
(0.75 inch - 2 inch, 19.05 mm - 50.8 mm)
Tubing Range, Wall 1/18 -1/4 inch
PVDF

| Also Available: | |
|---|---|
| Part No. | Measurement |
| 61790 | Fits 3/4 inch - 2 inch OD Tubing (0.75 inch - 2 inch, 19.05 mm - 50.8 mm)<br>Tubing Range, Wall 1/16 -1/8 inch |





These clamps provide multiple levels of flow control



51640
**PharmaLok™ Tube Clamp**
Fits 1/2 inch - 1 1/4 inch OD Tubing
(0.5 inch - 1.25 inch,
12.7 mm - 31.75 mm)
Nylon

Pair with a non-reopening cable tie for a permanent closure

| Also Available: | |
|---|---|
| Part No. | Measurement |
| 51629 | Fits up to 3/4 inch OD Tubing (0.75 inch, 19.05 mm) |
| 51664 | Fits up to 2 1/2 inch OD Tubing (2.5 inch, 63.5 mm) |

See page 96 for cable ties for permanent closure




51700*
**PharmaLok™ Tube Clamp**
Fits up to 3/4 inch OD Tubing
(0.75 inch, 19.1 mm)
PBT

| Also Available: | |
|---|---|
| Part No. | Measurement |
| 51701 | Fits 1/2 inch - 1 1/4 inch OD Tubing<br>(0.5 inch - 1.25 inch, 12.7 mm - 31.75 mm) |
| 51702 | Fits up to 2 1/2 inch OD Tubing (2.5 inch, 63.5 mm) |

DISCONTINUED*



Back to Table of Contents
Connectors
Bag Ports
Bag Chambers
Sanitary Flanges, Caps & Gaskets
Clamps & Clips
Tubing
Injection & Sampling Ports
Syringes
Stopcocks & Manifolds
Valves
Filters
Tools
Sterilization Supplies
Adhesives
Swabs
Transport Tubes



11457
Fits up to
0.06 inch OD Tubing
(0 mm - 1.52 mm)
Acetal



11099
Fits 0.07 inch -
0.12 inch OD Tubing
(1.78 mm - 3.05 mm)
ABS



12067
Fits 0.078 inch -
0.098 inch OD Tubing
(1.98 mm - 2.49 mm)
HDPE



12145
Fits 0.078 inch -
0.098 inch OD Tubing
(1.98 mm - 2.49 mm)
HDPE



12070
Fits 0.079 inch
OD Tubing
(2.01 mm)
HDPE



12101
Fits 0.079 inch
OD Tubing
(2.01 mm)
PP



89328
Fits 0.14 inch -
0.2 inch OD Tubing
(3.56 mm - 5.08 mm)
PP



12063
Fits 0.156 inch
OD Tubing
(3.96 mm)
PP



12053
Fits 0.197 inch
OD Tubing
(5 mm)
PP



12043
Fits 0.197 inch
OD Tubing
(5 mm)
PP

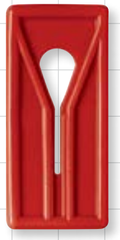


NEW!
13022
Fits 0.2 inch
OD Tubing
(5.08 mm)
HDPE

| Also Available: | | |
|---|---|---|
| | Part No. | Color |
| NEW! | 13018 | White |
| NEW! | 13019 | Light Blue |
| NEW! | 13021 | Green |
| NEW! | 13023 | Purple |
| NEW! | 13024 | Yellow |
| NEW! | 13025 | Red |







11038
Fits 0.25 inch
OD Tubing
(6.35 mm)
HDPE



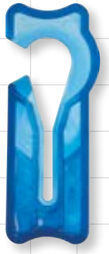
11052
Fits 0.268 inch
OD Tubing
(6.81 mm)
HDPE



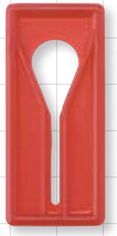
95867
Fits 0.275 inch
OD Tubing
(6.99 mm)
PP



95878
Fits 0.315 inch
OD Tubing
(8 mm)
ABS



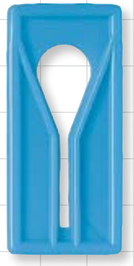
12099
Fits 0.315 inch
OD Tubing
(8 mm)
PVC



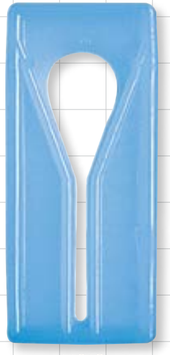
11029
Fits 0.315 inch
OD Tubing
(8 mm)
HDPE



13015
Fits 0.375 inch
OD Tubing
(9.53 mm)
ABS



11022
Fits 0.5 inch
OD Tubing
(12.7 mm)
HDPE



11013
Fits 0.625 inch OD Tubing
(15.88 mm)
HDPE

**Additional slide clamps available!**

To view more sizes, colors, materials and sample assortment kit, visit qosina.com



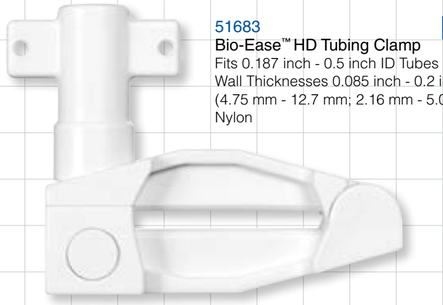
Back to Table of Contents
Connectors
Bag Ports
Bag Chambers
Sanitary Flanges, Caps & Gaskets
Clamps & Clips
Tubing
Injection & Sampling Ports
Syringes
Stopcocks & Manifolds
Valves
Filters
Tools
Sterilization Supplies
Adhesives
Swabs
Transport Tubes

## Tubing Clamps
Screw



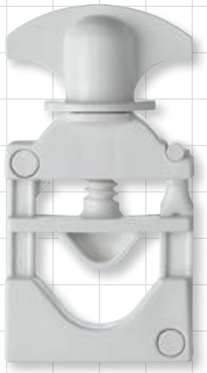
NEW!

14067
Flow Control Screw Clamp
Fits 0.156 inch - 0.25 inch OD Tubing
(4 mm - 6.4 mm)
Acetal

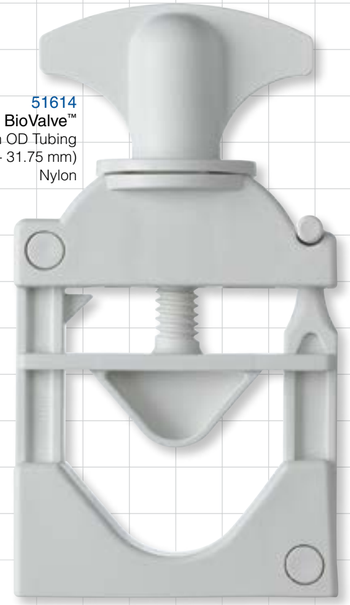


51683 NEW!
Bio-Ease™ HD Tubing Clamp
Fits 0.187 inch - 0.5 inch ID Tubes
Wall Thicknesses 0.085 inch - 0.2 inch
(4.75 mm - 12.7 mm; 2.16 mm - 5.08 mm)
Nylon

| Also Available: | |
|---|---|
| Part No. | Measurement |
| NEW! 14068 | Fits 0.156 inch - 0.375 inch OD Tubing (4 mm - 9.5 mm) |



51614
BioValve™
Fits 1/2 inch - 1 1/4 inch OD Tubing
(0.5 inch - 1.25 inch, 12.7 mm - 31.75 mm)
Nylon



Images shown at 50%

51613
BioValve™
Fits 1/8 inch - 3/8 inch OD Tubing
(0.125 inch - 0.375 inch, 3.18 mm - 9.53 mm)
Nylon





## Bag Clamps



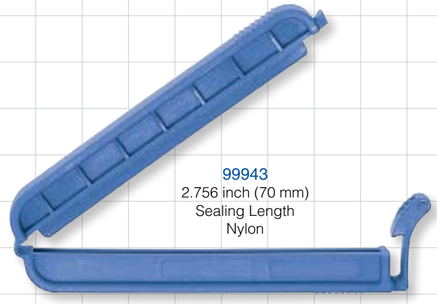
99918
1.575 inch (40 mm)
Sealing Length
PP



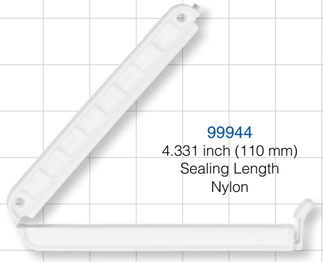
99941
1.575 inch (40 mm)
Sealing Length
PP



99942
1.969 inch (50 mm)
Sealing Length
Nylon

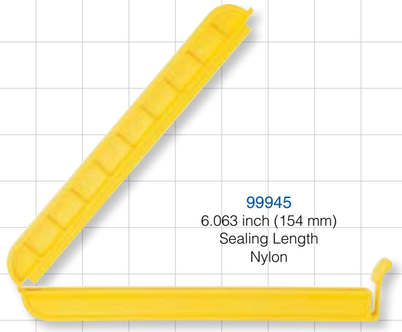


99943
2.756 inch (70 mm)
Sealing Length
Nylon



99944
4.331 inch (110 mm)
Sealing Length
Nylon

Image shown at 50%



99945
6.063 inch (154 mm)
Sealing Length
Nylon

Image shown at 50%

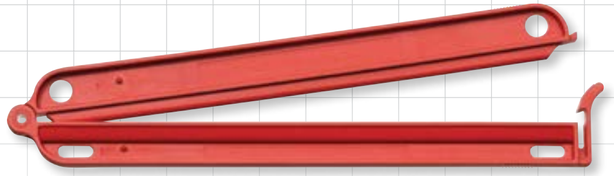


Image shown at 50%

99914
8.661 inch (220 mm)
Sealing Length
Nylon

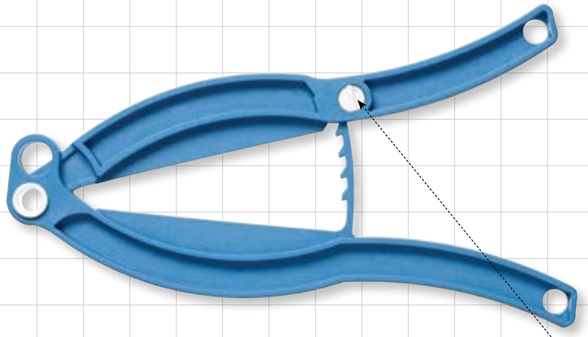
| Also Available: | |
|---|---|
| Part No. | Color |
| 99917 | White |

Back to Table of Contents
Connectors
Bag Ports
Bag Chambers
Sanitary Flanges, Caps & Gaskets
Clamps & Clips
Tubing
Injection & Sampling Ports
Syringes
Stopcocks & Manifolds
Valves
Filters
Tools
Sterilization Supplies
Adhesives
Swabs
Transport Tubes

Images shown at 50%



99988
12.598 inch (320 mm)
Sealing Length
Nylon



99207
3.937 inch (100 mm)
Sealing Length
Nylon

| Also Available: | |
|---|---|
| Part No. | Color |
| 99209 | Black |
| 99211 | White |
| 99216 | Yellow |
| 99218 | Red |
| 99220 | Green |

With one turn, the clamp locks on partially used bags, keeping raw materials, fluid and powders safe and secure



99202
5.906 inch (150 mm)
Sealing Length
Nylon

| Also Available: | |
|---|---|
| Part No. | Color |
| 99201 | Blue |
| 99200 | Yellow |
| 99204 | Green |
| 99213 | Black |
| 99215 | White |





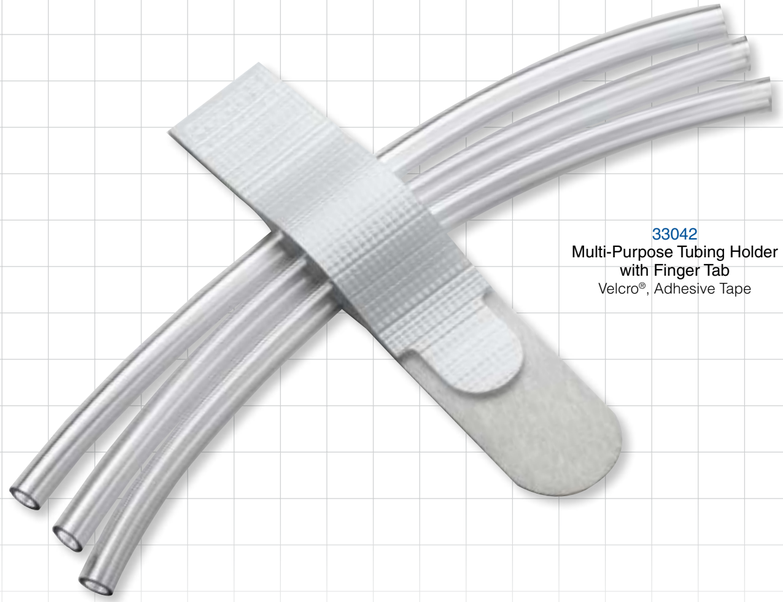




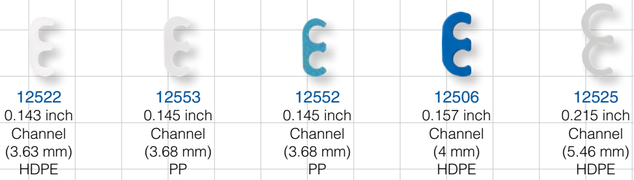
Back to Table of Contents
Connectors
Bag Ports
Bag Chambers
Sanitary Flanges, Caps & Gaskets
Clamps & Clips
Tubing
Injection & Sampling Ports
Syringes
Stopcocks & Manifolds
Valves
Filters
Tools
Sterilization Supplies
Adhesives
Swabs
Transport Tubes



12603
Multi-Purpose Tubing Holder
Medium
HDPE, Silicone, Rayon Woven Fabric, Velcro®



33042
Multi-Purpose Tubing Holder with Finger Tab
Velcro®, Adhesive Tape



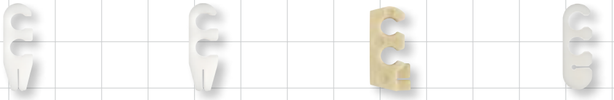
12522
0.143 inch
Channel
(3.63 mm)
HDPE

12553
0.145 inch
Channel
(3.68 mm)
PP

12552
0.145 inch
Channel
(3.68 mm)
PP

12506
0.157 inch
Channel
(4 mm)
HDPE

12525
0.215 inch
Channel
(5.46 mm)
HDPE

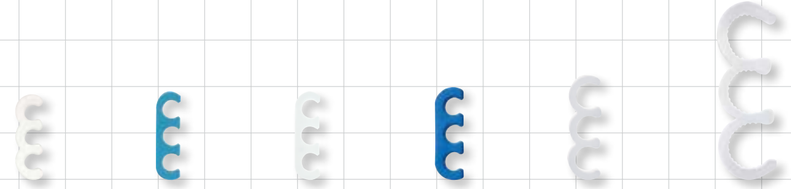


12539
0.144 inch
Channel
0.007 inch Slit
(3.66 mm,
0.18 mm)
TPV

12537
0.144 inch
Channel
0.011 inch Slit
(3.66 mm,
0.28 mm)
TPV

12562
0.148 inch
Channel
0.01 inch Slit
(3.76 mm,
0.25 mm)
Kraton/HDPE

12535
0.152 inch
Channel
0.04 inch Slit
(3.86 mm,
1.02 mm)
TPV



12523
0.143 inch
Channel
(3.63 mm)
HDPE

12554
0.145 inch
Channel
(3.68 mm)
PP

12555
0.145 inch
Channel
(3.68 mm)
PP

12507
0.157 inch
Channel
(4 mm)
HDPE

12514
0.205 inch
Channel
(5.21 mm)
HDPE/LDPE

51534
0.35 inch
Channel
(8.89 mm)
HDPE/LDPE

Call a customer service specialist for more information on custom channel clips and modifications.





Call a customer service specialist for more information on custom channel clips and modifications.



12557
0.145 inch
Channel
(3.68 mm)
PP

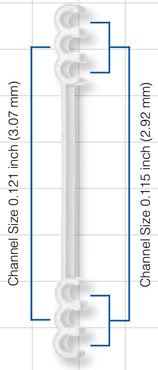
12556
0.145 inch
Channel
(3.68 mm)
PP

12524
0.146 inch
Channel
(3.71 mm)
HDPE

17545
0.152 inch
Channel
(3.86 mm)
HDPE

12559
0.145 inch
Channel
(3.68 mm)
PP

12558
0.145 inch
Channel
(3.68 mm)
PP




12534
Four Channels 0.140 inch (3.55 mm)
Two Channels 0.143 inch (3.63 mm)
MDPE



51522
Two Channels
0.143 inch (3.63 mm)
One Channel
0.21 inch (5.33 mm)
HDPE



12532
Two Channels
0.2 inch (5.08 mm)
One Channel
0.24 inch (6.1 mm)
PP

| Also Available: | |
|---|---|
| Part No. | Color |
| 12533 | White |

Channel clips work with tubing on pages 104-115.

Accessories



13700
Securing Clamp
Fits 0.25 inch OD Tubing
(6.4 mm)
PA



13701
Securing Clamp
Fits 0.313 inch OD Tubing
(7.9 mm)
PA



13703
Securing Clamp
Fits 0.375 inch OD Tubing
(9.5 mm)
PA



NEW! 61792
TY-Rap®
3.62 inch (91.95 mm)
80N (18 lbs) Breaking Strength
Nylon, SS

| Also Available: | | | |
|---|---|---|---|
| | Part No. | Measurement | Breaking Strength |
| NEW! | 61793 | 5.5 inch (139.7 mm) | 133N (30 lbs) |
| NEW! | 61794 | 7.31 inch (185.67 mm) | 222N (50 lbs) |



NEW! 61795
Pan-Ty®, PLT Series
5.6 inch (142.24 mm)
111N (25 lbs) Breaking Strength
Nylon

| Also Available: | | | |
|---|---|---|---|
| | Part No. | Measurement | Breaking Strength |
| NEW! | 61796 | 7.4 inch (187.96 mm) | 178N (40 lbs) |



NEW! 61843
5.84 inch (148 mm)
178N (40 lbs) Breaking Strength
Nylon

| Also Available: | | | | |
|---|---|---|---|---|
| | Part No. | Measurement | Breaking Strength | Color |
| | 99989 | 3.15 inch (80.01 mm) | 80N (18 lbs) | Natural |
| NEW! | 61827 | 4.125 inch (104.78 mm) | 80N (18 lbs) | Red |
| NEW! | 61840 | 4.125 inch (104.78 mm) | 80N (18 lbs) | Purple |
| NEW! | 61837 | 4.125 inch (104.78 mm) | 80N (18 lbs) | Blue |
| NEW! | 61834 | 4.125 inch (104.78 mm) | 80N (18 lbs) | Green |
| NEW! | 61831 | 4.125 inch (104.78 mm) | 80N (18 lbs) | Yellow |
| NEW! | 61828 | 4.125 inch (104.78 mm) | 80N (18 lbs) | Orange |
| | 99992 | 5.15 inch (130.81 mm) | 178N (40 lbs) | Black |
| NEW! | 61825 | 5.84 inch (148.34 mm) | 178N (40 lbs) | Black |
| NEW! | 61843 | 5.84 inch (148.34 mm) | 178N (40 lbs) | Red |
| NEW! | 61841 | 5.84 inch (148.34 mm) | 178N (40 lbs) | Purple |
| NEW! | 61838 | 5.84 inch (148.34 mm) | 178N (40 lbs) | Blue |
| NEW! | 61835 | 5.84 inch (148.34 mm) | 178N (40 lbs) | Green |
| NEW! | 61832 | 5.84 inch (148.34 mm) | 178N (40 lbs) | Yellow |
| NEW! | 61829 | 5.84 inch (148.34 mm) | 178N (40 lbs) | Orange |
| | 99990 | 6.3 inch (160.02 mm) | 222N (50 lbs) | Natural |
| NEW! | 61826 | 7.56 inch (192.02 mm) | 222N (50 lbs) | Black |
| NEW! | 61844 | 7.56 inch (192.02 mm) | 222N (50 lbs) | Red |
| NEW! | 61842 | 7.56 inch (192.02 mm) | 222N (50 lbs) | Purple |
| NEW! | 61839 | 7.56 inch (192.02 mm) | 222N (50 lbs) | Blue |
| NEW! | 61836 | 7.56 inch (192.02 mm) | 222N (50 lbs) | Green |
| NEW! | 61833 | 7.56 inch (192.02 mm) | 222N (50 lbs) | Yellow |
| NEW! | 61830 | 7.56 inch (192.02 mm) | 222N (50 lbs) | Orange |
| | 99991 | 8 inch (203.2 mm) | 80N (18 lbs) | Natural |

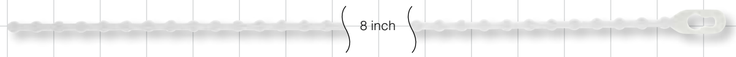




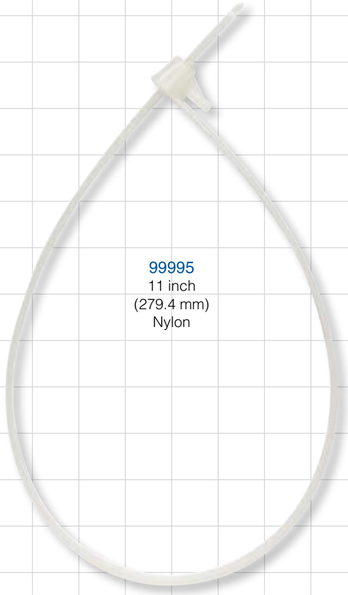
Back to Table of Contents
Connectors
Bag Ports
Bag Chambers
Sanitary Flanges, Caps & Gaskets
Clamps & Clips
Tubing
Injection & Sampling Ports
Syringes
Stopcocks & Manifolds
Valves
Filters
Tools
Sterilization Supplies
Adhesives
Swabs
Transport Tubes



999991
7 inch
(177.8 mm)
PE




99993
8 inch
(203.2 mm)
Nylon



99995
11 inch
(279.4 mm)
Nylon

QOSINA Thousands of Stock Components
Bioprocess



- Narrow band
- Uniform compression
- Burr-free strip edges

Works with tools on page 149

16702487
**Oetiker StepLess® Ear Clamp, Degreased**
5 mm x 0.5 mm Band
0.209 inch Closed - 0.256 inch Open Range
(5.3 mm - 6.5 mm)
SS

Also Available:

| | Part No. | Measurement | Process Option |
|---|---|---|---|
| | 16700983 | 5 mm x 0.5 mm Band; 0.228 inch Closed - 0.276 inch Open Range (5.79 mm - 7.01 mm) | Degreased |
| | 16703192 | 5 mm x 0.5 mm Band; 0.248 inch Closed - 0.295 inch Open Range (6.3 mm - 7.49 mm) | Degreased |
| | 16700984 | 5 mm x 0.5 mm Band; 0.268 inch Closed - 0.315 inch Open Range (6.8 mm - 8 mm) | Degreased |
| | 16700985 | 5 mm x 0.5 mm Band; 0.276 inch Closed - 0.343 inch Open Range (7.01 mm - 8.71 mm) | Degreased |
| NEW! | 16702491 | 5 mm x 0.5 mm Band; 0.287 inch Closed - 0.354 inch Open Range (7.29 mm - 8.99 mm) | Non-Washed |
| | 16700986 | 5 mm x 0.5 mm Band; 0.307 inch Closed - 0.374 inch Open Range (7.8 mm - 9.5 mm) | Degreased |
| | 16700987 | 5 mm x 0.5 mm Band; 0.327 inch Closed - 0.394 inch Open Range (8.31 mm - 10 mm) | Degreased |
| | 16700988 | 5 mm x 0.5 mm Band; 0.347 inch Closed - 0.413 inch Open Range (8.81 mm - 10.49 mm) | Degreased |
| | 16702614 | 5 mm x 0.5 mm Band; 0.362 inch Closed - 0.429 inch Open Range (9.19 mm - 10.9 mm) | Degreased |
| | 16700989 | 5 mm x 0.5 mm Band; 0.378 inch Closed - 0.445 inch Open Range (9.6 mm - 11.3 mm) | Degreased |
| | 16700992 | 7 mm x 0.6 mm Band; 0.386 inch Closed - 0.484 inch Open Range (9.8 mm - 12.29 mm) | Degreased |
| | 16700990 | 5 mm x 0.5 mm Band; 0.398 inch Closed - 0.465 inch Open Range (10.11 mm - 11.81 mm) | Degreased |
| | 16702490 | 7 mm x 0.6 mm Band; 0.406 inch Closed - 0.504 inch Open Range (10.31 mm - 12.8 mm) | Degreased |
| | 16700993 | 7 mm x 0.6 mm Band; 0.425 inch Closed - 0.524 inch Open Range (10.8 mm - 13.31 mm) | Degreased |
| NEW! | 16700011 | 7 mm x 0.6 mm Band; 0.445 inch Closed - 0.543 inch Open Range (11.3 mm - 13.79 mm) | Non-Washed |
| | 16700995 | 7 mm x 0.6 mm Band; 0.445 inch Closed - 0.543 inch Open Range (11.3 mm -13.79 mm) | Degreased |
| | 16700997 | 7 mm x 0.6 mm Band; 0.453 inch Closed - 0.551 inch Open Range (11.51 mm - 14 mm) | Degreased |
| | 16700999 | 7 mm x 0.6 mm Band; 0.472 inch Closed - 0.571 inch Open Range (12 mm - 14.5 mm) | Degreased |
| | 16701002 | 7 mm x 0.6 mm Band; 0.504 inch Closed - 0.602 inch Open Range (12.8 mm - 15.29 mm) | Degreased |
| | 16701005 | 7 mm x 0.6 mm Band; 0.520 inch Closed - 0.618 inch Open Range (13.21 mm - 15.7 mm) | Degreased |
| | 16702544 | 7 mm x 0.6 mm Band; 0.539 inch Closed - 0.638 inch Open Range (13.69 mm - 16.21 mm) | Degreased |
| | 16701009 | 7 mm x 0.6 mm Band; 0.571 inch Closed - 0.669 inch Open Range (14.5 mm - 16.99 mm) | Degreased |
| | 16704664 | 7 mm x 0.6 mm Band; 0.59 inch Closed - 0.689 inch Open Range (15 mm - 17.5 mm) | Degreased |
| | 16702497 | 7 mm x 0.6 mm Band; 0.59 inch Closed - 0.689 inch Open Range (15 mm - 17.5 mm) | Non-Washed |
| | 16701015 | 7 mm x 0.6 mm Band; 0.602 inch Closed - 0.728 inch Open Range (15.29 mm - 18.49 mm) | Degreased |
| | 16701018 | 7 mm x 0.6 mm Band; 0.63 inch Closed - 0.756 inch Open Range (16 mm - 19.2 mm) | Degreased |
| | 16701021 | 7 mm x 0.6 mm Band; 0.654 inch Closed - 0.78 inch Open Range (16.61 mm - 19.81 mm) | Degreased |
| | 16701029 | 7 mm x 0.6 mm Band; 0.701 inch Closed - 0.827 inch Open Range (17.81 mm - 21 mm) | Degreased |
| | 16701041 | 7 mm x 0.6 mm Band; 0.764 inch Closed - 0.89 inch Open Range (19.41 mm - 22.61 mm) | Degreased |
| NEW! | 16700028 | 7 mm x 0.6 mm Band; 0.799 inch Closed - 0.925 inch Open Range (20.29 mm - 23.5 mm) | Non-Washed |
| | 16701050 | 7 mm x 0.6 mm Band; 0.799 inch Closed - 0.925 inch Open Range (20.29 mm - 23.5 mm) | Degreased |



QOSINA Thousands of Stock Components
Bioprocess





- Narrow band
- Uniform compression
- Burr-free strip edges

Works with tools on page 149

NEW!
16700029
**Oetiker StepLess® Ear Clamp, Non-Washed**
7 mm x 0.6 mm Band
0.823 inch Closed - 0.95 inch Open Range
(20.9 mm – 24.13 mm)
SS

Also Available:

| | Part No. | Measurement | Process Option |
|---|---|---|---|
| | 16701058 | 7 mm x 0.6 mm Band; 0.826 inch Closed - 0.949 inch Open Range (20.98 mm - 24.1 mm) | Degreased |
| NEW! | 16700031 | 7 mm x 0.6 mm Band; 0.881 inch Closed - 1.01 inch Open Range (22.38 mm – 25.65 mm) | Non-Washed |
| | 16701072 | 7 mm x 0.6 mm Band; 0.882 inch Closed - 1.008 inch Open Range (22.4 mm - 25.6 mm) | Degreased |
| NEW! | 16700033 | 7 mm x 0.6 mm Band; 0.941 inch Closed - 1.067 inch Open Range (23.9 mm - 27.1 mm) | Non-Washed |
| | 16701087 | 7 mm x 0.6 mm Band; 0.941 inch Closed - 1.067 inch Open Range (23.9 mm - 27.1 mm) | Degreased |
| NEW! | 16701103 | 7 mm x 0.6 mm Band; 1 inch Closed - 1.1 inch Open Range (25.4 mm - 27.94 mm) | Degreased |
| NEW! | 16700035 | 7 mm x 0.6 mm Band; 1 inch Closed - 1.126 inch Open Range (25.4 mm - 28.6 mm) | Non-Washed |
| | 16701136 | 7 mm x 0.6 mm Band; 1.059 inch Closed - 1.185 inch Open Range (26.9 mm - 30.1 mm) | Degreased |
| NEW! | 16701151 | 7 mm x 0.6 mm Band; 1.087 inch Closed - 1.213 inch Open Range (27.61 mm - 30.81 mm) | Degreased |
| | 16701165 | 7 mm x 0.6 mm Band; 1.118 inch Closed - 1.244 inch Open Range (28.4 mm - 31.6 mm) | Degreased |
| | 16701203 | 7 mm x 0.6 mm Band; 1.177 inch Closed - 1.303 inch Open Range (29.9 mm - 33.1 mm) | Degreased |
| | 16701225 | 7 mm x 0.6 mm Band; 1.236 inch Closed - 1.362 inch Open Range (31.39 mm - 34.59 mm) | Degreased |
| | 16701245 | 7 mm x 0.6 mm Band; 1.295 inch Closed - 1.421 inch Open Range (32.89 mm - 36.09 mm) | Degreased |
| NEW! | 16708989 | 7 mm x 0.6 mm Band; 1.3 inch Closed - 1.42 inch Open Range (33.02 mm - 36.07 mm) | Degreased |
| | 16704963 | 7 mm x 0.6 mm Band; 1.354 inch Closed - 1.48 inch Open Range (34.39 mm - 37.59 mm) | Non-Washed |
| | 16707162 | 7 mm x 0.6 mm Band; 1.354 inch Closed - 1.48 inch Open Range (34.39 mm - 37.59 mm) | Degreased |
| | 16705000 | 7 mm x 0.6 mm Band; 1.374 inch Closed - 1.5 inch Open Range (34.9 mm - 38.1 mm) | Non-Washed |
| | 16707163 | 7 mm x 0.6 mm Band; 1.374 inch Closed - 1.5 inch Open Range (34.9 mm - 38.1 mm) | Degreased |
| NEW! | 16707016 | 7 mm x 0.6 mm Band; 1.433 inch Closed - 1.56 inch Open Range (36.4 mm - 39.62 mm) | Degreased |
| NEW! | 16708127 | 10 mm x 0.8 mm Band; 1.37 inch Closed - 1.496 inch Open Range (34.8 mm - 38 mm) | Non-Washed |
| NEW! | 16705486 | 10 mm x 0.8 mm Band; 1.409 inch Closed - 1.535 inch Open Range (35.79 mm - 38.99 mm) | Non-Washed |
| NEW! | 16705482 | 10 mm x 0.8 mm Band; 1.45 inch Closed - 1.57 inch Open Range (36.83 mm – 39.88 mm) | Degreased |
| NEW! | 16707036 | 10 mm x 0.8 mm Band; 1.488 inch Closed - 1.614 inch Open Range (37.8 mm - 41 mm) | Non-Washed |

Contact our sales representatives for additional sizes and tool options.



Back to Table of Contents
Connectors
Bag Ports
Bag Chambers
Sanitary Flanges, Caps & Gaskets
Clamps & Clips
Tubing
Injection & Sampling Ports
Syringes
Stopcocks & Manifolds
Valves
Filters
Tools
Sterilization Supplies
Adhesives
Swabs
Transport Tubes

Back to Table of Contents
Connectors
Bag Ports
Bag Chambers
Sanitary Flanges, Caps & Gaskets
Clamps & Clips
Tubing
Injection & Sampling Ports
Syringes
Stopcocks & Manifolds
Valves
Filters
Tools
Sterilization Supplies
Adhesives
Swabs
Transport Tubes



Works with tools on page 149

- Fast and simple assembly
- Visible deformation provides evidence of proper closure
- Pre-shaped insert for effective and powerful all-around seal

15400012
**Oetiker® Ear Clamp With Insert, Non-Washed**
0.114 inch Closed - 0.146 inch Open Range
(2.9 mm - 3.7 mm)
SS

| Also Available: | | | |
|---|---|---|---|
| | Part No. | Measurement | Process Option |
| NEW! | 15400064 | 0.165 inch Closed - 0.204 inch Open Range (4.19 mm - 5.18 mm) | Non-Washed |
| NEW! | 15400014 | 0.185 inch Closed - 0.224 inch Open Range (4.7 mm - 5.69 mm) | Non-Washed |
| | 15400069 | 0.185 inch Closed - 0.224 inch Open Range (4.7 mm - 5.69 mm) | Degreased |
| NEW! | 15400023 | 0.315 inch Closed - 0.374 inch Open Range (8 mm - 9.5 mm) | Non-Washed |
| | 15400075 | 0.315 inch Closed - 0.374 inch Open Range (8 mm - 9.5 mm) | Degreased |
| | 15400089 | 0.437 inch Closed - 0.515 inch Open Range (11.1 mm - 13.08 mm) | Degreased |
| NEW! | 15400032 | 0.437 inch Closed - 0.515 inch Open Range (11.1 mm - 13.08 mm) | Non-Washed |
| NEW! | 15400035 | 0.484 inch Closed - 0.563 inch Open Range (12.29 mm - 14.3 mm) | Non-Washed |
| | 15400091 | 0.484 inch Closed - 0.563 inch Open Range (12.29 mm - 14.3 mm) | Degreased |
| | 15400101 | 0.504 inch Closed - 0.583 inch Open Range (12.8 mm - 14.81 mm) | Degreased |
| NEW! | 15400036 | 0.504 inch Closed - 0.583 inch Open Range (12.8 mm - 14.81 mm) | Non-Washed |



Works with tools on page 149

- **Clamp ear:** fast and simple installation, visible deformation provides evidence of proper closure
- **Dimple:** increases clamping force
- **Specially formed strip edges:** reduced risk of damage to parts being clamped

15500023
**Oetiker® 1-Ear Clamp with Mechanical Interlock, Non-Washed**
1.358 inch Closed - 1.48 inch Open Range
(34.49 mm - 37.59 mm)
SS

| Also Available: | | |
|---|---|---|
| Part No. | Measurement | Process Option |
| 15500024 | 1.378 inch Closed - 1.5 inch Open Range (35 mm - 38.1 mm) | Non-Washed |
| 15500025 | 1.437 inch Closed - 1.559 inch Open Range (36.5 mm - 39.6 mm) | Non-Washed |
| 15500026 | 1.492 inch Closed - 1.614 inch Open Range (37.9 mm - 41 mm) | Non-Washed |





Back to Table of Contents
Connectors
Bag Ports
Bag Chambers
Sanitary Flanges, Caps & Gaskets
Clamps & Clips
Tubing
Injection & Sampling Ports
Syringes
Stopcocks & Manifolds
Valves
Filters
Tools
Sterilization Supplies
Adhesives
Swabs
Transport Tubes



Works with tools on page 149

- **2-ear version:** extended clamping range
- **Compact one-piece clamp:** for robust, secure connections
- **Clamp ear:** fast and simple installation, visible deformation provides evidence of proper closure
- **Deburred edges:** reduced risk of damage to parts being clamped

15100016
**Oetiker® 2-Ear Clamp, Non-Washed**
1.035 inch Closed - 1.22 inch Open Range
(26.29 mm - 31 mm)
SS

| Also Available: | | |
|---|---|---|
| Part No. | Measurement | Process Option |
| 15100019 | 1.26 inch Closed - 1.457 inch Open Range (32 mm - 37 mm) | Non-Washed |
| 15100020 | 1.378 inch Closed - 1.575 inch Open Range (35 mm - 40.01 mm) | Non-Washed |



Works with tools on page 149

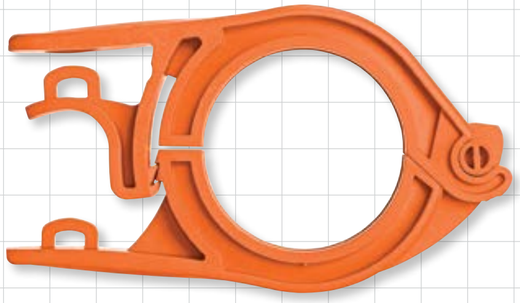
NEW!

15300002
**Oetiker® 1-Ear Clamp, Non-Washed**
0.130 inch Closed - 0.161 inch Open Range
(3.3 mm - 4.09 mm)
SS



51633
**PharmaLok™ Clamp**
Fits 0.5 inch/0.75 inch Mini Flange
Nylon

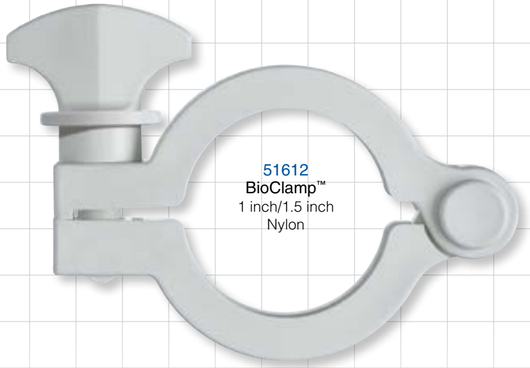
| Also Available: | | |
|---|---|---|
| Part No. | Color | Material |
| 51632 | White | Nylon |
| 51636 | White | Nylon |
| 51630 | Orange | Nylon |



51631
**PharmaLok™ Clamp**
Fits 1 inch/1.5 inch Standard Flange
Nylon

| Also Available: | | |
|---|---|---|
| Part No. | Color | Material |
| 51634 | White | Nylon |
| 51638 | White | Nylon |

Works with barbed sanitary flanges on pages 75 - 79
See our BioPharma, C-Flex® and silicone tubing on pages 104 - 115

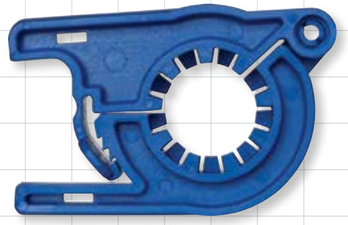


51612
**BioClamp™**
1 inch/1.5 inch
Nylon

| Also Available: | |
|---|---|
| Part No. | Measurement |
| 51611 | Fits 0.5 inch/0.75 inch Mini Flange |
| 51612 | Fits 1 inch/1.5 inch Standard Flange |
| 51672 | Fits 2 inch Flange |
| 51673 | Fits 2.5 inch Flange |
| 51674 | Fits 3 inch Flange |
| 51675 | Fits 4 inch Flange |
| 51676 | Fits 6 inch Flange |
| 51677 | Fits 8 inch Flange |

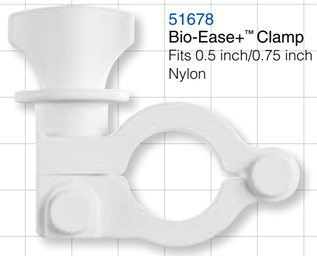






51749 NEW!
**FlowLinX™ Sanitary Flange Clamp**
Fits 0.5 inch/0.75 inch Mini Flange
PK

| Also Available: | | |
|---|---|---|
| | Part No. | Measurement |
| NEW! | 51750 | Fits 1 inch/1.5 inch Standard Flange |



51678 NEW!
**Bio-Ease+™ Clamp**
Fits 0.5 inch/0.75 inch Mini Flange
Nylon

| Also Available: | | |
|---|---|---|
| | Part No. | Measurement |
| NEW! | 51679 | Fits 1 inch/1.5 inch Standard Flange |
| NEW! | 51680 | Fits 2 inch Flange |
| NEW! | 51681 | Fits 3 inch Flange |
| NEW! | 51682 | Fits 4 inch Flange |



Works with tools on pages 147



NEW!
61780
**SaniSure® Clamp, Blue**
Fits 0.5 inch/0.75 inch Mini Flange (12.7 mm/19.1 mm)
Nylon

| Also Available: | | |
|---|---|---|
| | Part No. | Measurement |
| NEW! | 61782 | Fits 1 inch/1.5 inch Standard Flange |

Part numbers 61780 and 61782 work with 61781 and 61783, respectively.



NEW! 61781
**Specialty Cable Tie, White**
Fits 0.5 inch/0.75 inch SaniSure® Clamp
Nylon

| Also Available: | | |
|---|---|---|
| | Part No. | Measurement |
| NEW! | 61783 | Fits 1 inch/1.5 inch SaniSure® Clamp |



Back to Table of Contents
Connectors
Bag Ports
Bag Chambers
Sanitary Flanges, Caps & Gaskets
Clamps & Clips
Tubing
Injection & Sampling Ports
Syringes
Stopcocks & Manifolds
Valves
Filters
Tools
Sterilization Supplies
Adhesives
Swabs
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# Tubing

Qosina offers a wide selection of in-stock and custom pharma-grade tubing for your prototyping and large-scale production requirements. Whether your project requires DEHP-free PVC, silicone or TPE tubing, Qosina supplies various sizes and durometers off the shelf to meet your ever-changing needs.

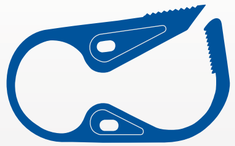
Contact customer service for complete assemblies, cut lengths and custom sizes and colors.

Scan to visit Tubing at QOSINA.COM

## TABLE OF CONTENTS

Silicone, Class VI . . . . . 105-109
Peroxide-Cured . . . . . 105
Platinum-Cured . . . . . 105
Liveo™ Pharma . . . . . 106-107
TuFlux® SIL . . . . . 108
SaniTech® Ultra-C . . . . . 108
Venabio® Flow Multipurpose . . . . . 109
Venabio® Flow Pumpgrade . . . . . 109
Braided Silicone, Class VI . . . . . 110
Venabio® Braided Plus . . . . . 110
Venabio® Double Braided . . . . . 110
TPE, Class VI . . . . . 111-114
C-Flex® . . . . . 111
TuFlux® TPE . . . . . 112
SaniPure™ BDF™ . . . . . 112
Flexelene™ 135C . . . . . 113
Liveo™ Pharma . . . . . 113
EJ Prene™ . . . . . 114
PharMed® BPT . . . . . 114
Braided TPE, Class VI . . . . . 114
Braided Flexelene™ 135C . . . . . 114
DEHP-Free PVC, Class VI . . . . . 115
Tygon® . . . . . 115

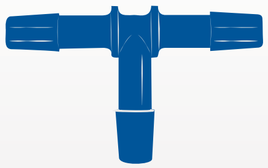
Related Products



Clamps & Clips
pages 82 - 103



Oetiker® Clamps
pages 98 - 101



Barbed Connectors
pages 10 - 28







| Silicone; 50A Durometer | | |
|---|---|---|
| Part No. | Measurement | Coil Length |
| T2001 | 0.012 inch ID x 0.025 inch OD (0.3 mm x 0.64 mm) | 50 ft (15.24 m) |
| T2002 | 0.02 inch ID x 0.037 inch OD (0.51 mm x 0.94 mm) | 50 ft (15.24 m) |
| T2003 | 0.025 inch ID x 0.047 inch OD (0.64 mm x 1.19 mm) | 50 ft (15.24 m) |
| T2004 | 1/32 inch ID x 0.065 inch OD (0.03 inch x 0.065 inch, 0.76 mm x 1.65 mm) | 50 ft (15.24 m) |
| T2005 | 1/32 inch ID x 5/32 inch OD (0.03 inch x 0.156 inch, 0.76 mm x 3.97 mm) | 50 ft (15.24 m) |
| T2006 | 0.04 inch ID x 0.085 inch OD (1.02 mm x 2.16 mm) | 50 ft (15.24 m) |
| T2007 | 0.058 inch ID x 0.077 inch OD (1.47 mm x 1.96 mm) | 50 ft (15.24 m) |
| T2008 | 0.062 inch ID x 0.095 inch OD (1.57 mm x 2.41 mm) | 50 ft (15.24 m) |
| T2009 | 1/16 inch ID x 1/8 inch OD (0.063 inch x 0.125 inch, 1.59 mm x 3.18 mm) | 50 ft (15.24 m) |
| T2010 | 1/16 inch ID x 3/16 inch OD (0.063 inch x 0.188 inch, 1.59 mm x 4.76 mm) | 50 ft (15.24 m) |
| T2011 | 5/64 inch ID x 1/8 inch OD (0.078 inch x 0.125 inch, 1.98 mm x 3.18 mm) | 50 ft (15.24 m) |
| T2012 | 0.104 inch ID x 0.192 inch OD (2.64 mm x 4.88 mm) | 50 ft (15.24 m) |
| T2013 | 1/8 inch ID x 1/4 inch OD (0.125 inch x 0.25 inch, 3.18 mm x 6.35 mm) | 50 ft (15.24 m) |
| T2014 | 0.132 inch ID x 0.183 inch OD (3.35 mm x 4.65 mm) | 50 ft (15.24 m) |
| T2015 | 3/16 inch ID x 5/16 inch OD (0.188 inch x 0.313 inch, 4.76 mm x 7.94 mm) | 50 ft (15.24 m) |
| T2016 | 3/16 inch ID x 3/8 inch OD (0.188 inch x 0.375 inch, 4.76 mm x 9.53 mm) | 50 ft (15.24 m) |
| T2017 | 1/4 inch ID x 3/8 inch OD (0.25 inch x 0.375 inch, 6.35 mm x 9.53 mm) | 50 ft (15.24 m) |
| T2018 | 1/4 inch ID x 7/16 inch OD (0.25 inch x 0.438 inch, 6.35 mm x 11.11 mm) | 50 ft (15.24 m) |
| T2019 | 1/4 inch ID x 1/2 inch OD (0.25 inch x 0.5 inch, 6.35 mm x 12.7 mm) | 50 ft (15.24 m) |
| T2020 | 5/16 inch ID x 7/16 inch OD (0.313 inch x 0.438 inch, 7.94 mm x 11.11 mm) | 50 ft (15.24 m) |
| T2021 | 5/16 inch ID x 1/2 inch OD (0.313 inch x 0.5 inch, 7.94 mm x 12.7 mm) | 50 ft (15.24 m) |
| T2022 | 3/8 inch ID x 1/2 inch OD (0.375 inch x 0.5 inch, 9.53 mm x 12.7 mm) | 50 ft (15.24 m) |
| T2023 | 3/8 inch ID x 9/16 inch OD (0.375 inch x 0.563 inch, 9.53 mm x 14.3 mm) | 50 ft (15.24 m) |
| T2024 | 3/8 inch ID x 5/8 inch OD (0.375 inch x 0.625 inch, 9.53 mm x 15.88 mm) | 50 ft (15.24 m) |
| T2025 | 1/2 inch ID x 5/8 inch OD (0.5 inch x 0.625 inch, 12.7 mm x 15.88 mm) | 25 ft (7.62 m) |
| T2026 | 1/2 inch ID x 11/16 inch OD (0.5 inch x 0.688 inch, 12.7 mm x 17.46 mm) | 25 ft (7.62 m) |
| T2027 | 1/2 inch ID x 3/4 inch OD (0.5 inch x 0.75 inch, 12.7 mm x 19.05 mm) | 25 ft (7.62 m) |
| T2029 | 3/4 inch ID x 1 inch OD (0.75 inch x 1 inch, 19.05 mm x 25.4 mm) | 25 ft (7.62 m) |



| Silicone; 50A Durometer | | |
|---|---|---|
| Part No. | Measurement | Coil Length |
| T2100 | 1/32 inch ID x 5/32 inch OD (0.031 inch x 0.156 inch, 0.79 mm x 3.97 mm) | 25 ft (7.62 m) |
| T2101 | 1/16 inch ID x 3/16 inch OD (0.063 inch x 0.188 inch, 1.59 mm x 4.76 mm) | 25 ft (7.62 m) |
| T2102 | 1/8 inch ID x 1/4 inch OD (0.125 inch x 0.25 inch, 3.18 mm x 6.35 mm) | 50 ft (15.24 m) |
| T2103 | 3/16 inch ID x 5/16 inch OD (0.188 inch x 0.313 inch, 4.76 mm x 7.94 mm) | 50 ft (15.24 m) |
| T2104 | 1/4 inch ID x 3/8 inch OD (0.25 inch x 0.375 inch, 6.35 mm x 9.53 mm) | 50 ft (15.24 m) |
| T2105 | 1/4 inch ID x 7/16 inch OD (0.25 inch x 0.438 inch, 6.4 mm x 11.11 mm) | 50 ft (15.24 m) |
| T2107 | 3/8 inch ID x 9/16 inch OD (0.375 inch x 0.563 inch, 9.53 mm x 14.3 mm) | 50 ft (15.24 m) |
| T2110 | 3/4 inch ID x 1 inch OD (0.75 inch x 1 inch, 19.05 mm x 25.4 mm) | 25 ft (7.62 m) |



Back to Table of Contents
Connectors
Bag Ports
Bag Chambers
Sanitary Flanges, Caps & Gaskets
Clamps & Clips
Tubing
Injection & Sampling Ports
Syringes
Stopcocks & Manifolds
Valves
Filters
Tools
Sterilization Supplies
Adhesives
Swabs
Transport Tubes

Back to Table of Contents
Connectors
Bag Ports
Bag Chambers
Sanitary Flanges, Caps & Gaskets
Clamps & Clips
Tubing
Injection & Sampling Ports
Syringes
Stopcocks & Manifolds
Valves
Filters
Tools
Sterilization Supplies
Adhesives
Swabs
Transport Tubes

## Silicone, Class VI
Liveo™ Pharma-50



| | Pharma-50; 50A Durometer; Silicone | | |
|---|---|---|---|
| | Part No. | Measurement | Coil Length |
| NEW! | T3500 | 1/8 inch ID x 1/4 inch OD (0.125 inch x 0.25 inch, 3.18 mm x 6.35 mm) | 50 ft (15.24 m) |
| NEW! | T3501 | 1/4 inch ID x 3/8 inch OD (0.25 inch x 0.375 inch, 6.35 mm x 9.53 mm) | 50 ft (15.24 m) |
| NEW! | T3502 | 1/4 inch ID x 7/16 inch OD (0.25 inch x 0.438 inch, 6.35 mm x 11.11 mm) | 50 ft (15.24 m) |
| NEW! | T3503 | 1/4 inch ID x 1/2 inch OD (0.25 inch x 0.5 inch, 6.35 mm x 12.7 mm) | 50 ft (15.24 m) |
| NEW! | T3504 | 3/8 inch ID x 5/8 inch OD (0.375 inch x 0.625 inch, 9.53 mm x 15.88 mm) | 50 ft (15.24 m) |
| NEW! | T3505 | 1/2 inch ID x 3/4 inch OD (0.5 inch x 0.75 inch, 12.7 mm x 19.05 mm) | 50 ft (15.24 m) |
| NEW! | T3506 | 3/4 inch ID x 1 inch OD (0.75 inch x 1 inch, 19.05 mm x 25.4 mm) | 50 ft (15.24 m) |
| NEW! | T3507 | 1 inch ID x 1 3/8 inch OD (1 inch x 1.375 inch, 25.4 mm x 34.92 mm) | 9 ft (2.74 m) |

## Liveo™ Pharma-65



| | Pharma-65; 65A Durometer; Silicone | | |
|---|---|---|---|
| | Part No. | Measurement | Coil Length |
| NEW! | T3508 | 1/8 inch ID x 1/4 inch OD (0.125 inch x 0.25 inch, 3.18 mm x 6.35 mm) | 50 ft (15.24 m) |
| NEW! | T3509 | 1/4 inch ID x 3/8 inch OD (0.25 inch x 0.375 inch, 6.35 mm x 9.53 mm) | 50 ft (15.24 m) |
| NEW! | T3510 | 1/4 inch ID x 7/16 inch OD (0.25 inch x 0.438 inch, 6.35 mm x 11.11 mm) | 50 ft (15.24 m) |
| NEW! | T3511 | 1/4 inch ID x 1/2 inch OD (0.25 inch x 0.5 inch, 6.35 mm x 12.7 mm) | 50 ft (15.24 m) |
| NEW! | T3512 | 3/8 inch ID x 5/8 inch OD (0.375 inch x 0.625 inch, 9.53 mm x 15.88 mm) | 50 ft (15.24 m) |
| NEW! | T3513 | 1/2 inch ID x 3/4 inch OD (0.5 inch x 0.75 inch, 12.7 mm x 19.05 mm) | 50 ft (15.24 m) |
| NEW! | T3514 | 3/4 inch ID x 1 inch OD (0.75 inch x 1 inch, 19.05 mm x 25.4 mm) | 50 ft (15.24 m) |





Back to Table of Contents
Connectors
Bag Ports
Bag Chambers
Sanitary Flanges, Caps & Gaskets
Clamps & Clips
Tubing
Injection & Sampling Ports
Syringes
Stopcocks & Manifolds
Valves
Filters
Tools
Sterilization Supplies
Adhesives
Swabs
Transport Tubes

## Silicone, Class VI
Liveo™ Pharma-80



| | Pharma-80; 80A Durometer; Silicone | | |
|---|---|---|---|
| | Part No. | Measurement | Coil Length |
| NEW! | T3515 | 1/8 inch ID x 1/4 inch OD (0.125 inch x 0.25 inch, 3.18 mm x 6.35 mm) | 50 ft (15.24 m) |
| NEW! | T3516 | 1/4 inch ID x 3/8 inch OD (0.25 inch x 0.375 inch, 6.35 mm x 9.53 mm) | 50 ft (15.24 m) |
| NEW! | T3517 | 1/4 inch ID x 1/2 inch OD (0.25 inch x 0.5 inch, 6.35 mm x 12.7 mm) | 50 ft (15.24 m) |
| NEW! | T3518 | 3/8 inch ID x 5/8 inch OD (0.375 inch x 0.625 inch, 9.53 mm x 15.88 mm) | 50 ft (15.24 m) |
| NEW! | T3519 | 1/2 inch ID x 3/4 inch OD (0.5 inch x 0.75 inch, 12.7 mm x 19.05 mm) | 50 ft (15.24 m) |
| NEW! | T3520 | 3/4 inch ID x 1 inch OD (0.75 inch x 1 inch, 19.05 mm x 25.4 mm) | 50 ft (15.24 m) |

## Liveo™ Pharma Advanced Pump Tubing



| | Pharma Advanced Pump Tubing; 50A Durometer; Silicone | | |
|---|---|---|---|
| | Part No. | Measurement | Coil Length |
| NEW! | T3521 | 1/8 inch ID x 1/4 inch OD (0.125 inch x 0.25 inch, 3.18 mm x 6.35 mm) | 50 ft (15.24 m) |
| NEW! | T3522 | 1/4 inch ID x 3/8 inch OD (0.25 inch x 0.375 inch, 6.35 mm x 9.53 mm) | 50 ft (15.24 m) |
| NEW! | T3523 | 1/4 inch ID x 7/16 inch OD (0.25 inch x 0.438 inch, 6.35 mm x 11.11 mm) | 50 ft (15.24 m) |
| NEW! | T3524 | 3/8 inch ID x 5/8 inch OD (0.375 inch x 0.625 inch, 9.5 mm x 16 mm) | 50 ft (15.24 m) |
| NEW! | T3525 | 1/2 inch ID x 3/4 inch OD (0.5 inch x 0.75 inch, 12.7 mm x 19.05 mm) | 50 ft (15.24 m) |
| NEW! | T3526 | 3/4 inch ID x 1 inch OD (0.75 inch x 1 inch, 19.05 mm x 25.4 mm) | 50 ft (15.24 m) |



| Tuflux® SIL; 60A Durometer; Platinum-Cured Silicone | | |
|---|---|---|
| Part No. | Measurement | Coil Length |
| T2300 | 1/8 inch ID x 1/4 inch OD (0.125 inch x 0.25 inch, 3.18 mm x 6.35 mm) | 328 ft (100 m) |
| T2301 | 1/4 inch ID x 3/8 inch OD (0.25 inch x 0.375 inch, 6.35 mm x 9.53 mm) | 164 ft (50 m) |
| T2302 | 1/4 inch ID x 7/16 inch OD (0.25 inch x 0.438 inch, 6.35 mm x 11.11 mm) | 164 ft (50 m) |
| T2303 | 3/8 inch ID x 5/8 inch OD (0.375 inch x 0.625 inch, 9.53 mm x 15.88 mm) | 82 ft (25 m) |
| T2304 | 1/2 inch ID x 3/4 inch OD (0.5 inch x 0.75 inch, 12.7 mm x 19.05 mm) | 82 ft (25 m) |
| T2305 | 3/4 inch ID x 1 inch OD (0.75 inch x 1 inch, 19.05 mm x 25.4 mm) | 49 ft (15 m) |
| T2306 | 3/4 inch ID x 1 1/8 inch OD (0.75 inch x 1.125 inch, 19.05 mm x 28.58 mm) | 49 ft (15 m) |





| Sani-Tech® Ultra-C; 50A Durometer; Platinum-Cured Silicone | | |
|---|---|---|
| Part No. | Measurement | Coil Length |
| T2500 | 1/16 inch ID x 3/16 inch OD (0.063 inch x 0.188 inch, 1.59 mm x 4.76 mm) | 50 ft (15.24 m) |
| T2501 | 1/8 inch ID x 1/4 inch OD (0.125 inch x 0.25 inch, 3.18 mm x 6.35 mm) | 50 ft (15.24 m) |
| T2502 | 3/16 inch ID x 5/16 inch OD (0.188 inch x 0.313 inch, 4.76 mm x 7.94 mm) | 50 ft (15.24 m) |
| T2503 | 1/4 inch ID x 3/8 inch OD (0.25 inch x 0.375 inch, 6.35 mm x 9.53 mm) | 50 ft (15.24 m) |
| T2504 | 1/4 inch ID x 7/16 inch OD (0.25 inch x 0.438 inch, 6.35 mm x 11.11 mm) | 50 ft (15.24 m) |
| T2505 | 1/4 inch ID x 1/2 inch OD (0.25 inch x 0.5 inch, 6.35 mm x 12.7 mm) | 50 ft (15.24 m) |
| T2506 | 3/8 inch ID x 9/16 inch OD (0.375 inch x 0.563 inch, 9.53 mm x 14.3 mm) | 50 ft (15.24 m) |
| T2507 | 3/8 inch ID x 5/8 inch OD (0.375 inch x 0.625 inch, 9.53 mm x 15.88 mm) | 50 ft (15.24 m) |
| T2508 | 1/2 inch ID x 3/4 inch OD (0.5 inch x 0.75 inch, 12.7 mm x 19.05 mm) | 50 ft (15.24 m) |
| T2509 | 3/4 inch ID x 1 inch OD (0.75 inch x 1 inch, 19.05 mm x 25.4 mm) | 50 ft (15.24 m) |
| T2510 | 3/4 inch ID x 1 1/8 inch OD (0.75 inch x 1.125 inch, 19.05 mm x 28.58 mm) | 50 ft (15.24 m) |
| T2511 | 1 inch ID x 1 1/4 inch OD (1 inch x 1.25 inch, 25.4 mm x 31.75 mm) | 50 ft (15.24 m) |
| T2512 | 1 inch ID x 1 3/8 inch OD (1 inch x 1.375 inch, 25.4 mm x 34.93 mm) | 50 ft (15.24 m) |
| T2513 | 1 inch ID x 1 1/2 inch OD (1 inch x 1.5 inch, 25.4 mm x 38.1 mm) | 50 ft (15.24 m) |



QOSINA Thousands of Stock Components Bioprocess







| | Venabio® Flow Multipurpose; 60A Durometer; Platinum-Cured Silicone | | |
|---|---|---|---|
| | Part No. | Measurement | Coil Length |
| NEW! | T2702 | 1/16 inch ID x 3/16 inch OD (0.063 inch x 0.188 inch, 1.59 mm x 4.76 mm) | 50 ft (15.24 m) |
| NEW! | T2707 | 1/8 inch ID x 1/4 inch OD (0.125 inch x 0.25 inch, 3.18 mm x 6.35 mm) | 100 ft (30.48 m) |
| NEW! | T2720 | 1/4 inch ID x 1/2 inch OD (0.25 inch x 0.5 inch, 6.35 mm x 12.7 mm) | 50 ft (15.24 m) |
| NEW! | T2726 | 3/8 inch ID x 5/8 inch OD (0.375 inch x 0.625 inch, 9.53 mm x 15.88 mm) | 50 ft (15.24 m) |
| NEW! | T2730 | 1/2 inch ID x 3/4 inch OD (0.5 inch x 0.75 inch, 12.7 mm x 19.05 mm) | 50 ft (15.24 m) |
| NEW! | T2732 | 5/8 inch ID x 7/8 inch OD (0.625 inch x 0.875 inch, 15.88 mm x 22.23 mm) | 50 ft (15.24 m) |
| NEW! | T2733 | 3/4 inch ID x 1 inch OD (0.75 inch x 1 inch, 19.05 mm x 25.4 mm) | 50 ft (15.24 m) |
| NEW! | T2738 | 1 inch ID x 1 1/2 inch OD (1 inch x 1.5 inch, 25.4 mm x 38.1 mm) | 50 ft (15.24 m) |





| | Venabio® Flow Pumpgrade; 50A Durometer; Platinum-Cured Silicone | | |
|---|---|---|---|
| | Part No. | Measurement | Coil Length |
| NEW! | T2802 | 1/16 inch ID x 3/16 inch OD (0.063 inch x 0.188 inch, 1.59 mm x 4.76 mm) | 50 ft (15.24 m) |
| NEW! | T2807 | 1/8 inch ID x 1/4 inch OD (0.125 inch x 0.25 inch, 3.18 mm x 6.35 mm) | 50 ft (15.24 m) |
| NEW! | T2813 | 0.157 inch ID x 0.342 inch OD (3.99 mm x 8.69 mm) | 50 ft (15.24 m) |
| NEW! | T2821 | 1/4 inch ID x 1/2 inch OD (0.25 inch x 0.5 inch, 6.35 mm x 12.7 mm) | 50 ft (15.24 m) |
| NEW! | T2824 | 0.311 inch ID x 0.562 inch OD (7.89 mm x 14.27 mm) | 50 ft (15.24 m) |
| NEW! | T2825 | 3/8 inch ID x 1/2 inch OD (0.375 inch x 0.5 inch, 9.53 mm x 12.7 mm) | 50 ft (15.24 m) |
| NEW! | T2831 | 1/2 inch ID x 3/4 inch OD (0.5 inch x 0.75 inch, 12.7 mm x 19.05 mm) | 50 ft (15.24 m) |
| NEW! | T2833 | 5/8 inch ID x 7/8 inch OD (0.625 inch x 0.875 inch, 15.88 mm x 22.23 mm) | 50 ft (15.24 m) |
| NEW! | T2834 | 3/4 inch ID x 1 inch OD (0.75 inch x 1 inch, 19.05 mm x 25.4 mm) | 50 ft (15.24 m) |
| NEW! | T2837 | 1 inch ID x 1 1/2 inch OD (1 inch x 1.5 inch, 25.4 mm x 38.1 mm) | 50 ft (15.24 m) |

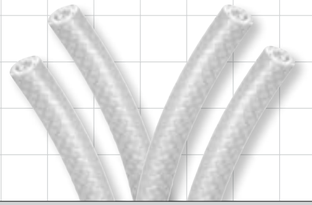


Back to Table of Contents
Connectors
Bag Ports
Bag Chambers
Sanitary Flanges, Caps & Gaskets
Clamps & Clips
Tubing
Injection & Sampling Ports
Syringes
Stopcocks & Manifolds
Valves
Filters
Tools
Sterilization Supplies
Adhesives
Swabs
Transport Tubes

Back to Table of Contents
Connectors
Bag Ports
Bag Chambers
Sanitary Flanges, Caps & Gaskets
Clamps & Clips
Tubing
Injection & Sampling Ports
Syringes
Stopcocks & Manifolds
Valves
Filters
Tools
Sterilization Supplies
Adhesives
Swabs
Transport Tubes

Back to Table of Contents
Connectors
Bag Ports
Bag Chambers
Sanitary Flanges, Caps & Gaskets
Clamps & Clips
Tubing
Injection & Sampling Ports
Syringes
Stopcocks & Manifolds
Valves
Filters
Tools
Sterilization Supplies
Adhesives
Swabs
Transport Tubes

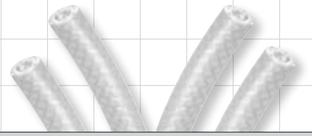
## Braided Silicone, Class VI
Venabio® Braided Plus



| | Venabio® Braided Plus; 60A Durometer; Platinum-Cured Silicone, Polyester | | |
|---|---|---|---|
| | Part No. | Measurement | Coil Length |
| NEW! | T2902 | 3/16 inch ID x 7/16 inch OD (0.188 inch x 0.438 inch, 4.76 mm x 11.11 mm) | 50 ft (15.24 m) |
| NEW! | T2903 | 1/4 inch ID x 1/2 inch OD (0.25 inch x 0.5 inch, 6.35 mm x 12.7 mm) | 50 ft (15.24 m) |
| NEW! | T2904 | 0.377 inch ID x 0.629 inch OD (9.58 mm x 15.98 mm) | 50 ft (15.24 m) |
| NEW! | T2905 | 1/2 inch ID x 7/8 inch OD (0.5 inch x 0.875 inch, 12.7 mm x 22.23 mm) | 50 ft (15.24 m) |
| NEW! | T2907 | 3/4 inch ID x 1 1/8 inch OD (0.75 inch x 1.129 inch, 19.05 mm x 28.58 mm) | 50 ft (15.24 m) |
| NEW! | T2909 | 1 inch ID x 1 3/8 inch OD (1 inch x 1.375 inch, 25.4 mm x 34.93 mm) | 50 ft (15.24 m) |

Braided tubing has been engineered for high-purity fluid under pressure with biocompatibility for demanding bio medical and pharmaceutical applications.

## Venabio® Double Braided



| | Venabio® Double Braided; 60A Durometer; Platinum-Cured Silicone, Polyester | | |
|---|---|---|---|
| | Part No. | Measurement | Coil Length |
| NEW! | T3001 | 1/4 inch ID x 0.633 inch OD (0.25 inch x 0.633 inch, 6.4 mm x 16.08 mm) | 50 ft (15.24 m) |
| NEW! | T3003 | 3/8 inch ID x 0.787 inch OD (0.375 inch x 0.787 inch, 9.53 mm x 19.99 mm) | 50 ft (15.24 m) |
| NEW! | T3004 | 1/2 inch ID x 0.893 inch OD (0.5 inch x 0.893 inch, 12.7 mm x 22.68 mm) | 50 ft (15.24 m) |
| NEW! | T3006 | 3/4 inch ID x 1.204 inch OD (0.75 inch x 1.204 inch, 19.05 mm x 30.58 mm) | 50 ft (15.24 m) |
| NEW! | T3008 | 1 inch ID x 1.456 inch OD (25.4 mm x 36.98 mm) | 50 ft (15.24 m) |





Back to Table of Contents
Connectors
Bag Ports
Bag Chambers
Sanitary Flanges, Caps & Gaskets
Clamps & Clips
Tubing
Injection & Sampling Ports
Syringes
Stopcocks & Manifolds
Valves
Filters
Tools
Sterilization Supplies
Adhesives
Swabs
Transport Tubes

## TPE (Thermoplastic Elastomer), Class VI
C-Flex®



| | C-Flex® 082; 60A Durometer; TPE | | |
|---|---|---|---|
| | Part No. | Measurement | Coil Length |
| | T2200 | 1/8 inch ID x 1/4 inch OD (0.125 inch x 0.25 inch, 3.18 mm x 6.35 mm) | 50 ft (15.24 m) |
| | T2202 | 1/4 inch ID x 3/8 inch OD (0.25 inch x 0.375 inch, 6.35 mm x 9.53 mm) | 50 ft (15.24 m) |
| | T2204 | 3/8 inch ID x 9/16 inch OD (0.375 inch x 0.563 inch, 9.53 mm x 14.3 mm) | 50 ft (15.24 m) |
| | T2205 | 1/2 inch ID x 11/16 inch OD (0.5 inch x 0.688 inch, 12.7 mm x 17.46 mm) | 50 ft (15.24 m) |



| | C-Flex® 374; 60A Durometer; TPE | | |
|---|---|---|---|
| | Part No. | Measurement | Coil Length |
| NEW! | T2210 | 1/8 inch ID x 1/4 inch OD (0.125 inch x 0.25 inch, 3.18 mm x 6.35 mm) | 50 ft (15.24 m) |
| NEW! | T2211 | 1/4 inch ID x 3/8 inch OD (0.25 inch x 0.375 inch, 6.35 mm x 9.53 mm) | 50 ft (15.24 m) |
| NEW! | T2212 | 1/4 inch ID x 7/16 inch OD (0.25 inch x 0.438 inch, 6.35 mm x 11.11 mm) | 50 ft (15.24 m) |
| NEW! | T2213 | 3/8 inch ID x 5/8 inch OD (0.375 inch x 0.625 inch, 9.53 mm x 15.88 mm) | 50 ft (15.24 m) |
| NEW! | T2214 | 1/2 inch ID x 3/4 inch OD (0.5 inch x 0.75 inch, 12.7 mm x 19.05 mm) | 50 ft (15.24 m) |
| NEW! | T2215 | 5/8 inch ID x 7/8 inch OD (0.625 inch x 0.875 inch, 15.88 mm x 22.23 mm) | 50 ft (15.24 m) |
| NEW! | T2216 | 3/4 inch ID x 1 inch OD (0.75 inch x 1 inch, 19.05 mm x 25.4 mm) | 50 ft (15.24 m) |

Back to Table of Contents
Connectors
Bag Ports
Bag Chambers
Sanitary Flanges, Caps & Gaskets
Clamps & Clips
Tubing
Injection & Sampling Ports
Syringes
Stopcocks & Manifolds
Valves
Filters
Tools
Sterilization Supplies
Adhesives
Swabs
Transport Tubes

## TPE (Thermoplastic Elastomer), Class VI
TuFlux® TPE



| Tuflux® TPE; 60A Durometer; TPE | | | |
|---|---|---|---|
| Part No. | Measurement | Coil Length | Stripe Color |
| T2400 | 1/8 inch ID x 1/4 inch OD (0.125 inch x 0.25 inch, 3.18 mm x 6.35 mm) | 656 ft (200 m) | Yellow |
| T2401 | 1/4 inch ID x 3/8 inch OD (0.25 inch x 0.375 inch, 6.35 mm x 9.53 mm) | 410 ft (125 m) | Orange |
| T2402 | 1/4 inch ID x 7/16 inch OD (0.25 inch x 0.438 inch, 6.35 mm x 11.11 mm) | 328 ft (100 m) | Red |
| T2403 | 3/8 inch ID x 5/8 inch OD (0.375 inch x 0.625 inch, 9.53 mm x 15.88 mm) | 164 ft (50 m) | White |
| T2404 | 1/2 inch ID x 3/4 inch OD (0.5 inch x 0.75 inch, 12.7 mm x 19.05 mm) | 98 ft (30 m) | Gray |
| T2405 | 3/4 inch ID x 1 inch OD (0.75 inch x 1 inch, 19.05 mm x 25.4 mm) | 66 ft (20 m) | Blue |
| T2406 | 3/4 inch ID x 1 1/8 inch OD (0.75 inch x 1.125 inch, 19.05 mm x 28.58 mm) | 66 ft (20 m) | Black |

## TPE (Thermoplastic Elastomer), Class VI
Sanipure™ BDF™



| SaniPure™ BDF™; 60A Durometer; TPE; Sanipure BDF (Bovine Derivative Free) | | |
|---|---|---|
| Part No. | Measurement | Coil Length |
| T2600 | 1/8 inch ID x 1/4 inch OD (0.125 inch x 0.25 inch, 3.18 mm x 6.35 mm) | 50 ft (15.24 m) |
| T2601 | 1/4 inch ID x 3/8 inch OD (0.25 inch x 0.375 inch, 6.35 mm x 9.53 mm) | 50 ft (15.24 m) |
| T2602 | 1/4 inch ID x 7/16 inch OD (0.25 inch x 0.438 inch, 6.35 mm x 11.11 mm) | 50 ft (15.24 m) |
| T2603 | 3/8 inch ID x 5/8 inch OD (0.375 inch x 0.625 inch, 9.53 mm x 15.88 mm) | 50 ft (15.24 m) |
| T2604 | 1/2 inch ID x 3/4 inch OD (0.5 inch x 0.75 inch, 12.7 mm x 19.05 mm) | 50 ft (15.24 m) |





Back to Table of Contents
Connectors
Bag Ports
Bag Chambers
Sanitary Flanges, Caps & Gaskets
Clamps & Clips
Tubing
Injection & Sampling Ports
Syringes
Stopcocks & Manifolds
Valves
Filters
Tools
Sterilization Supplies
Adhesives
Swabs
Transport Tubes

## TPE (Thermoplastic Elastomer), Class VI
Flexelene™ 135C



| | Flexelene™ 135C; 68A Durometer; TPE | | |
|---|---|---|---|
| | Part No. | Measurement | Coil Length |
| NEW! | T1604 | 1/8 inch ID x 1/4 inch OD (0.125 inch x 0.25 inch, 3.18 mm x 6.35 mm) | 50 ft (15.24 m) |
| NEW! | T1605 | 3/16 inch ID x 5/16 inch OD (0.188 inch x 0.313 inch, 4.76 mm x 7.94 mm) | 50 ft (15.24 m) |
| NEW! | T1606 | 1/4 inch ID x 3/8 inch OD (0.25 inch x 0.375 inch, 6.35 mm x 9.53 mm) | 50 ft (15.24 m) |
| NEW! | T1607 | 1/4 inch ID x 1/2 inch OD (0.25 inch x 0.5 inch, 6.35 mm x 12.7 mm) | 50 ft (15.24 m) |
| NEW! | T1608 | 3/8 inch ID x 1/2 inch OD (0.375 inch x 0.5 inch, 9.53 mm x 12.7 mm) | 50 ft (15.24 m) |
| NEW! | T1609 | 3/8 inch ID x 5/8 inch OD (0.375 inch x 0.625 inch, 9.53 mm x 15.88 mm) | 50 ft (15.24 m) |
| NEW! | T1610 | 1/2 inch ID x 3/4 inch OD (0.5 inch x 0.75 inch, 12.7 mm x 19.05 mm) | 50 ft (15.24 m) |
| NEW! | T1611 | 5/8 inch ID x 7/8 inch OD (0.625 inch x 0.875 inch, 15.88 mm x 22.23 mm) | 50 ft (15.24 m) |
| NEW! | T1612 | 3/4 inch ID x 1 inch OD (0.75 inch x 1 inch, 19.05 mm x 25.4 mm) | 50 ft (15.24 m) |
| NEW! | T1613 | 3/4 inch ID x 1 1/4 inch OD (0.75 inch x 1.25 inch, 19.05 mm x 31.75 mm) | 50 ft (15.24 m) |
| NEW! | T1614 | 1 inch ID x 1 1/4 inch OD (1 inch x 1.25 inch, 25.4 mm x 31.75 mm) | 50 ft (15.24 m) |

## TPE (Thermoplastic Elastomer), Class VI
Liveo™ Pharma

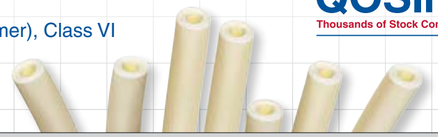


| | Pharma TPE; 65A Durometer; TPE | | |
|---|---|---|---|
| | Part No. | Measurement | Coil Length |
| NEW! | T3300 | 1/8 inch ID x 1/4 inch OD (0.125 inch x 0.25 inch, 3.18 mm x 6.35 mm) | 50 ft (15.24 m) |
| NEW! | T3301 | 1/4 inch ID x 7/16 inch OD (0.25 inch x 0.438 inch, 6.35 mm x 11.11 mm) | 50 ft (15.24 m) |
| NEW! | T3302 | 3/8 inch ID x 9/16 inch OD (0.375 inch x 0.563 inch, 9.53 mm x 14.3 mm) | 50 ft (15.24 m) |
| NEW! | T3303 | 3/8 inch ID x 5/8 inch OD (0.375 inch x 0.625 inch, 9.53 mm x 15.88 mm) | 50 ft (15.24 m) |
| NEW! | T3304 | 1/2 inch ID x 3/4 inch OD (0.5 inch x 0.75 inch, 12.7 mm x 19.05 mm) | 50 ft (15.24 m) |

Back to Table of Contents
Connectors
Bag Ports
Bag Chambers
Sanitary Flanges, Caps & Gaskets
Clamps & Clips
Tubing
Injection & Sampling Ports
Syringes
Stopcocks & Manifolds
Valves
Filters
Tools
Sterilization Supplies
Adhesives
Swabs
Transport Tubes

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## TPE (Thermoplastic Elastomer), Class VI
EJ Prene™



| | EJ Prene™; 70A Durometer; TPE | | |
|---|---|---|---|
| | Part No. | Measurement | Coil Length |
| NEW! | T1615 | 1/8 inch ID x 1/4 inch OD (0.125 inch x 0.25 inch, 3.18 mm x 6.35 mm) | 50 ft coil (15.24 m) |
| NEW! | T1616 | 3/16 inch ID x 5/16 inch OD (0.187 inch x 0.313 inch, 4.76 mm x 7.94 mm) | 50 ft coil (15.24 m) |
| NEW! | T1617 | 3/16 inch ID x 3/8 inch OD (0.187 inch x 0.375 inch, 4.76 mm x 9.53 mm) | 50 ft coil (15.24 m) |
| NEW! | T1618 | 1/4 inch ID x 3/8 inch OD (0.25 inch x 0.375 inch, 6.35 mm x 9.53 mm) | 50 ft coil (15.24 m) |
| NEW! | T1619 | 1/4 inch ID x 7/16 inch OD (0.25 inch x 0.438 inch, 6.35 mm x 11.11 mm) | 50 ft coil (15.24 m) |
| NEW! | T1620 | 1/4 inch ID x 1/2 inch OD (0.25 inch x 0.5 inch, 6.35 mm x 12.7 mm) | 50 ft coil (15.24 m) |
| NEW! | T1621 | 3/8 inch ID x 1/2 inch OD (0.375 inch x 0.5 inch, 9.53 mm x 12.7 mm) | 50 ft coil (15.24 m) |
| NEW! | T1622 | 3/8 inch ID x 5/8 inch OD (0.375 inch x 0.625 inch, 9.53 mm x 15.88 mm) | 50 ft coil (15.24 m) |
| NEW! | T1623 | 1/2 inch ID x 3/4 inch OD (0.5 inch x 0.75 inch, 12.7 mm x 19.05 mm) | 50 ft coil (15.24 m) |
| NEW! | T1624 | 5/8 inch ID x 7/8 inch OD (0.625 inch x 0.875 inch, 15.88 mm x 22.23 mm) | 50 ft coil (15.24 m) |
| NEW! | T1625 | 3/4 inch ID x 1 inch OD (0.75 inch x 1 inch, 19.05 mm x 25.4 mm) | 50 ft coil (15.24 m) |
| NEW! | T1626 | 3/4 inch ID x 1 1/4 inch OD (0.75 inch x 1.25 inch, 19.05 mm x 31.75 mm) | 50 ft coil (15.24 m) |
| NEW! | T1627 | 1 inch ID x 1 1/4 inch OD (1 inch x 1.25 inch, 25.4 mm x 31.75 mm) | 50 ft coil (15.24 m) |

## PharMed® BPT



| | PharMed® BPT; 64A Durometer; TPE | | |
|---|---|---|---|
| | Part No. | Measurement | Coil Length |
| NEW! | T2620 | 0.02 inch ID x 0.145 inch OD (0.51 mm x 3.68 mm) | 25 ft (7.62 m) |
| | T2605 | 1/8 inch ID x 1/4 inch OD (0.125 inch x 0.25 inch, 3.18 mm x 6.35 mm) | 25 ft (7.62 m) |
| | T2606 | 1/4 inch ID x 3/8 inch OD (0.25 inch x 0.375 inch, 6.35 mm x 9.53 mm) | 25 ft (7.62 m) |
| | T2607 | 3/8 inch ID x 5/8 inch OD (0.375 inch x 0.625 inch, 9.53 mm x 15.88 mm) | 25 ft (7.62 m) |
| | T2608 | 1/2 inch ID x 3/4 inch OD (0.5 inch x 0.75 inch, 12.7 mm x 19.05 mm) | 25 ft (7.62 m) |
| | T2610 | 5/8 inch ID x 7/8 inch OD (0.625 inch x 0.875 inch, 15.88 mm x 22.23 mm) | 25 ft (7.62 m) |
| | T2609 | 3/4 inch ID x 1 inch OD (0.75 inch x 1 inch, 19.05 mm x 25.4 mm) | 25 ft (7.62 m) |

## Braided TPE, Class VI
Braided Flexelene™ 135C



| | Braided Flexelene™ 135C; 68A Durometer; TPE, Polyester/PET Fiber | | |
|---|---|---|---|
| | Part No. | Measurement | Coil Length |
| NEW! | T1600 | 1/4 inch ID x 1/2 inch OD (0.25 inch x 0.5 inch, 6.35 mm x 12.7 mm) | 50 ft (15.24 m) |
| NEW! | T1601 | 3/8 inch ID x 5/8 inch OD (0.375 inch x 0.625 inch, 9.53 mm x 15.88 mm) | 50 ft (15.24 m) |
| NEW! | T1602 | 1/2 inch ID x 3/4 inch OD (0.5 inch x 0.75 inch, 12.7 mm x 19.05 mm) | 50 ft (15.24 m) |
| NEW! | T1603 | 3/4 inch ID x 1 1/8 inch OD (0.75 inch x 1.125 inch, 19.05 mm x 28.58 mm) | 50 ft (15.24 m) |



QOSINA Thousands of Stock Components Bioprocess



Back to Table of Contents
Connectors
Bag Ports
Bag Chambers
Sanitary Flanges, Caps & Gaskets
Clamps & Clips
Tubing
Injection & Sampling Ports
Syringes
Stopcocks & Manifolds
Valves
Filters
Tools
Sterilization Supplies
Adhesives
Swabs
Transport Tubes

## DEHP-Free PVC, Class VI

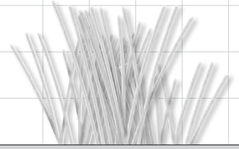


| | DEHP-Free PVC; 70A Durometer | | |
|---|---|---|---|
| | Part No. | Measurement | Coil Length |
| | T4300 | 0.05 inch ID x 0.09 inch OD (1.27 mm x 2.29 mm) | 250 ft (76.2 m) |
| | T4301 | 0.05 inch ID x 0.1 inch OD (1.27 mm x 2.54 mm) | 250 ft (76.2 m) |
| | T4302 | 0.05 inch ID x 0.11 inch OD (1.27 mm x 2.79 mm) | 250 ft (76.2 m) |
| | T4303 | 0.061 inch ID x 0.093 inch OD (1.55 mm x 2.36 mm) | 250 ft (76.2 m) |
| | T4304 | 1/16 inch ID x 1/8 inch OD (0.063 inch x 0.125 inch, 1.59 mm x 3.18 mm) | 250 ft (76.2 m) |
| | T4305 | 3/32 inch ID x 5/32 inch OD (0.094 inch x 0.156 inch, 2.38 mm x 3.97 mm) | 250 ft (76.2 m) |
| | T4306 | 0.118 inch ID x 0.161 inch OD (2.99 mm x 4.09 mm) | 250 ft (76.2 m) |
| | T4307 | 1/8 inch ID x 3/16 inch OD (0.125 inch x 0.188 inch, 3.18 mm x 4.76 mm) | 250 ft (76.2 m) |
| | T4308 | 1/8 inch ID x 1/4 inch OD (0.125 inch x 0.25 inch, 3.18 mm x 6.35 mm) | 250 ft (76.2 m) |
| | T4309 | 0.17 inch ID x 1/4 inch OD (0.17 inch x 0.25 inch, 4.32 mm x 6.35 mm) | 250 ft (76.2 m) |
| | T4310 | 3/16 inch ID x 1/4 inch OD (0.188 inch x 0.25 inch, 4.76 mm x 6.35 mm) | 250 ft (76.2 m) |
| | T4311 | 3/16 inch ID x 5/16 inch OD (0.188 inch x 0.313 inch, 4.76 mm x 7.94 mm) | 250 ft (76.2 m) |
| | T4312 | 0.21 inch ID x 1/4 inch OD (0.21 inch x 0.25 inch, 5.33 mm x 6.35 mm) | 250 ft (76.2 m) |
| | T4313 | 1/4 inch ID x 3/8 inch OD (0.25 inch x 0.375 inch, 6.35 mm x 9.53 mm) | 250 ft (76.2 m) |

| | DEHP-Free PVC; 68A Durometer | | |
|---|---|---|---|
| | Part No. | Measurement | Coil Length |
| | T4314 | 5/16 inch ID x 1/2 inch OD (0.313 inch x 0.5 inch, 7.94 mm x 12.7 mm) | 100 ft (30.48 m) |

Supersized coils of 5,000 ft are available upon request

## Tygon®



| | Tygon®; 80A Durometer; DEHP-Free PVC | | |
|---|---|---|---|
| | Part No. | Measurement | Coil Length |
| | T4101 | 0.01 inch ID x 0.03 inch OD (0.25 mm x 0.76 mm) | 500 ft (152.4 m) |
| | T4102 | 0.02 inch ID x 0.06 inch OD (0.51 mm x 1.52 mm) | 500 ft (152.4 m) |
| | T4103 | 0.03 inch ID x 0.09 inch OD (0.76 mm x 2.29 mm) | 500 ft (152.4 m) |
| | T4104 | 0.04 inch ID x 0.07 inch OD (1.02 mm x 1.78 mm) | 500 ft (152.4 m) |
| | T4105 | 0.05 inch ID x 0.09 inch OD (1.27 mm x 2.29 mm) | 500 ft (152.4 m) |



QOSINA Thousands of Stock Components Bioprocess

1cm

# Injection & Sampling Ports

Qosina offers an extensive line of swabbable, non-latex, single-use needleless injection sites, sampling ports, pre-slit injection sites and traditional in-line injection sites in an array of configurations. Female luer lock-equipped injection sites mate securely with all standard luer syringes and connectors. The injection ports allow for bidirectional flow, which can be used to aspirate or inject fluids.

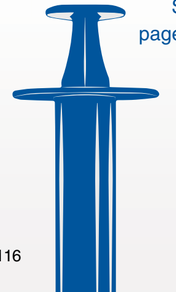
## TABLE OF CONTENTS

Needleless Injection Sites . . . . . 117-118

Sampling Ports . . . . . .119

Scan to visit Injection & Sampling Ports at QOSINA.COM

Related Products

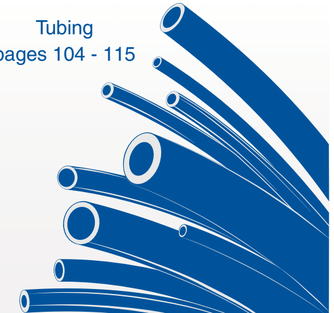


Syringes
pages 120 - 127



Luers
pages 30 - 33

Tubing
pages 104 - 115





QOSINA Thousands of Stock Components Bioprocess

1cm





80147
Male Luer Lock
PC, Silicone

ISO 80369-7



80212
Neutral Pressure Displacement Male Luer Lock
PC, Silicone

ISO 80369-7



80213
Male Luer Lock
PC, Silicone



80167
Male Luer Slip
PC, Silicone



91501
SmartSite™ Male Luer Lock
Acrylic, PU, Silicone



91500
SmartSite™ Male Luer Lock with Dust Cover
Acrylic, PU, Silicone, PE



91503
SmartSite™
0.078 inch - 0.072 inch ID
(1.98 mm - 1.82 mm)
Acrylic, PU, Silicone



80162
0.078 inch ID
(1.98 mm)
PC, Silicone

| Also Available: | |
|---|---|
| Part No. | Measurements |
| 80163 | 0.098 inch ID (2.49 mm) |
| 80164 | 0.11 inch ID (2.79 mm) |
| 80152 | 0.118 inch ID (3 mm) |
| 80165 | 0.145 inch ID (3.68 mm) |
| 80166 | 0.16 inch ID (4.06 mm) |



91504
SmartSite™
0.142 inch - 0.134 inch ID
(3.61 mm - 3.4 mm)
Acrylic, PU, Silicone



80168
0.16 inch ID/
0.27 inch OD
(4.06 mm/6.86 mm)
PC, Silicone

ISO 80369-7



80226
0.27 inch OD
Tubing Port
(6.86 mm)
PP, Silicone



80210
Barbed
Fits 1/8 inch ID Tubing
(0.125 inch, 3.18 mm)
PC, Silicone

| Also Available: | |
|---|---|
| Part No. | Measurements |
| 80209 | Fits 3/16 inch ID Tubing (0.188 inch, 4.76 mm) |
| 80211 | Fits 1/4 inch ID Tubing (0.25 inch, 6.35 mm) |



NEW!

80227
Hermetic Seal
0.161 inch ID/
0.268 inch OD
(4.09 mm/6.81 mm)
PC, Silicone



Cap Included

NEW!

80228
Hermetic Seal
0.161 inch ID/
0.268 inch OD
(4.09 mm/6.81 mm)
PC, Silicone, PP

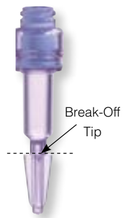


Back to Table of Contents
Connectors
Bag Ports
Bag Chambers
Sanitary Flanges, Caps & Gaskets
Clamps & Clips
Tubing
Injection & Sampling Ports
Syringes
Stopcocks & Manifolds
Valves
Filters
Tools
Sterilization Supplies
Adhesives
Swabs
Transport Tubes

# INJECTION & SAMPLING PORTS

## Needleless Injection Sites
Female Luer Lock, Swabbable

QOSINA Thousands of Stock Components Bioprocess
1cm




80169
Break-Off Tip
Fits 0.236 inch ID Tubing (5.99 mm)
PC, Silicone



91506
SmartSite™ Y Connector
0.142 inch - 0.134 inch ID
(3.6 mm - 3.4 mm)
Acrylic, PU, Silicone



80151
Y Connector
Both Ports
0.142 inch ID
(3.6 mm)
PC, Silicone



80146
Y Connector
Both Ports
0.16 inch - 0.11 inch ID
(4.06 mm - 2.79 mm)
PC, Silicone

ISO 80369-7



80214
Y Connector
Both Ports
0.16 inch ID
(4.06 mm)
PC, Silicone



91019
Y Connector
Both Ports
0.164 inch ID
(4.17 mm)
PC, Silicone



80174
Both Ports
0.122 inch ID
(3.1 mm)
PC, Silicone

| Also Available: | |
|---|---|
| Part No. | Measurements |
| 80172 | 0.079 inch ID (2.01 mm) |
| 80171 | 0.157 inch ID (3.99 mm) |



80131
Both Ports Fit
0.268 inch OD Tubing
(6.81 mm)
PC, Silicone



80134
Both Ports Fit
0.268 inch OD Tubing
(6.81 mm)
PC, Silicone

ISO 80369-7



80132
Both Ports Fit
0.268 inch OD Tubing
(6.81 mm)
PC, Silicone



ISO 80369-7

80225
T Connector
Male Luer
with Spin Lock
0.088 Tubing Port
(2.24 mm)
PC, Silicone



91509
SmartSite™
T Connector
Male Luer
with Spin Lock
0.096 inch - 0.089 inch ID
(2.44 mm - 2.26 mm)
Acrylic, PU, MABS, Silicone



91510
SmartSite™
T Connector
Male Luer Slip
0.096 inch - 0.089 inch ID
(2.44 mm - 2.26 mm)
Acrylic, PU, Silicone



80220
Vial Adapter
13 mm
PC, Silicone



80221
Vial Adapter
20 mm
PC, Silicone




91516
SmartSite™
Vial Adapter
20 mm
PC, PU, Silicone

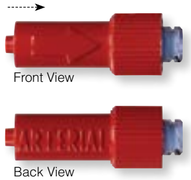


QOSINA Thousands of Stock Components Bioprocess
1cm



## Sampling Ports

Sample Only
No Injection




90403
Needleless One-way
Sampling Valve
Swabbable
Female Luer Lock, Male
Luer Lock
ABS, PC, Silicone

- The one-way duckbill prevents accidental injection through the connector
- The needleless valve seals against any back pressure upon disconnection of the syringe



99773
4-Way Stopcock
Male Luer Lock
HDPE, PC, Silicone



NEW!

99779
4-Way Stopcock Female Luer Lock
Swabbable Luer-Activated Valve
Male Luer Lock
HDPE, PC, Silicone



NEW!

61798
Sample Site with Male Luer Lock,
Female Luer Lock and
SmartSite™ Needle-Free Valve;
Sealed Pouch
Fits 1/8 inch ID Tubing (0.125 inch, 3.18 mm)
3 inch x 4 inch Pouch
PE, PC, PP, Silicone



Back to Table of Contents
Connectors
Bag Ports
Bag Chambers
Sanitary Flanges, Caps & Gaskets
Clamps & Clips
Tubing
Injection & Sampling Ports
Syringes
Stopcocks & Manifolds
Valves
Filters
Tools
Sterilization Supplies
Adhesives
Swabs
Transport Tubes



# Syringes

Qosina stocks a large selection of bulk, non-sterile syringes for all your prototyping and production requirements. With almost 200 different options to choose from, Qosina supplies a wide variety of syringe volumes as low as 0.25 ml and up to 140 ml directly from our inventory.

## TABLE OF CONTENTS

Male Luer Lock . . . . . 121-126
Control Syringes . . . . . .126
Male Luer Slip . . . . . 127

Scan to visit Syringes at QOSINA.COM

Related Products

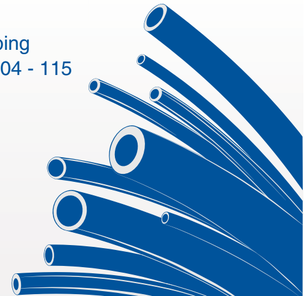


Luers
pages 30 - 33



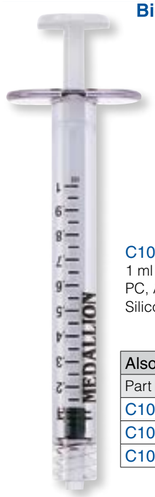
Needleless Injection Sites
pages 117 - 118

Tubing
pages 104 - 115









C1007
1 ml
PC, ABS
Silicone

| Also Available: | |
|---|---|
| Part No. | Color |
| C1013 | Light Blue |
| C1019 | Yellow |
| C1025 | Red |

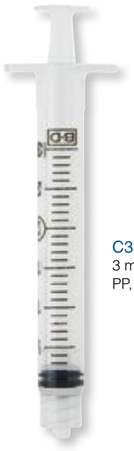


C3301
1 ml
PC, PP
Polyisoprene



C1046
3 ml
PC, ABS, Silicone

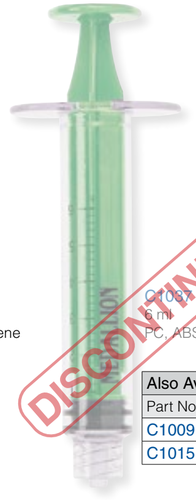
| Also Available: | |
|---|---|
| Part No. | Color |
| C1008 | White |
| C1014 | Light Blue |
| C1026 | Red |
| C1031 | Green |
| C1036 | Dark Green |



C3303
3 ml
PP, Polyisoprene



C3305
5 ml
PP, Polyisoprene



C1051
6 ml
PC, ABS, Silicone
DISCONTINUED*

| Also Available: | |
|---|---|
| Part No. | Color |
| C1009 | White |
| C1015 | Light Blue |



Back to Table of Contents
Connectors
Bag Ports
Bag Chambers
Sanitary Flanges, Caps & Gaskets
Clamps & Clips
Tubing
Injection & Sampling Ports
Syringes
Stopcocks & Manifolds
Valves
Filters
Tools
Sterilization Supplies
Adhesives
Swabs
Transport Tubes

Back to Table of Contents
Connectors
Bag Ports
Bag Chambers
Sanitary Flanges, Caps & Gaskets
Clamps & Clips
Tubing
Injection & Sampling Ports
Syringes
Stopcocks & Manifolds
Valves
Filters
Tools
Sterilization Supplies
Adhesives
Swabs
Transport Tubes

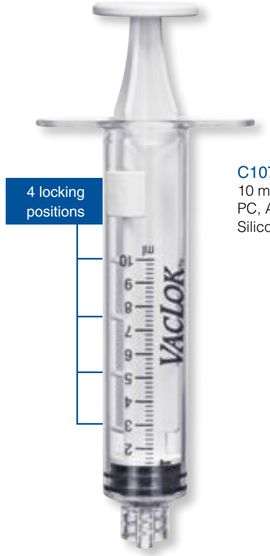



C1048
10 ml
PC, ABS, Silicone

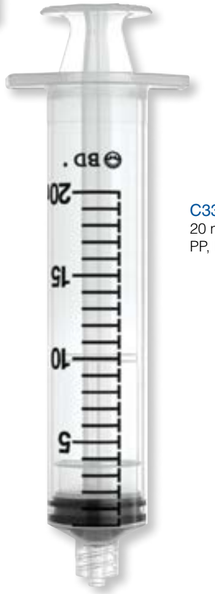
| Also Available: | |
|---|---|
| Part No. | Color |
| C1010 | White |
| C1016 | Light Blue |
| C1028 | Red |




C3307
10 ml
PP, Polyisoprene




C1073
10 ml
PC, ABS
Silicone




C3310
20 ml
PP, Polyisoprene



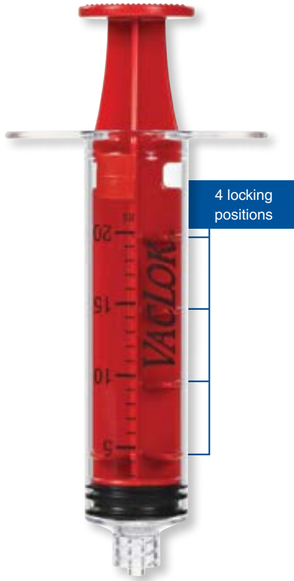


Back to Table of Contents
Connectors
Bag Ports
Bag Chambers
Sanitary Flanges, Caps & Gaskets
Clamps & Clips
Tubing
Injection & Sampling Ports
Syringes
Stopcocks & Manifolds
Valves
Filters
Tools
Sterilization Supplies
Adhesives
Swabs
Transport Tubes




C1011
20 ml
PC, ABS, Silicone

| Also Available: | |
|---|---|
| Part No. | Color |
| C1017 | Light Blue |
| C1039 | Dark Green |
| C1049 | Purple |




C1110
Negative Pressure
20 ml
PC, ABS, Silicone

| Also Available: | |
|---|---|
| Part No. | Color |
| C1111 | Yellow |
| C1112 | Light Blue |
| C1074 | White |




C1104
Wing Grips
20 ml
PC, ABS, Silicone

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C1113
Negative Pressure
30 ml
PC, ABS, Silicone

| Also Available: | |
|---|---|
| Part No. | Color |
| C1115 | Light Blue |
| C1075 | White |




C1012
30 ml
ABS, PC, Silicone




C3312
30 ml
PP, Polyisoprene

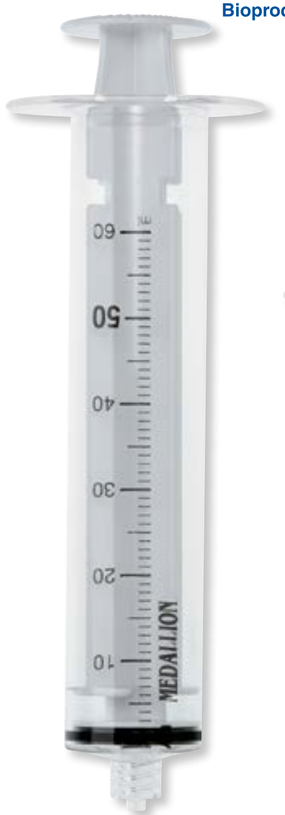



C3314
50 ml
PP, Polyisoprene



QOSINA Thousands of Stock Components Bioprocess






C1098
60 ml
PC, ABS, Silicone




C1097
Negative Pressure
60 ml
PC, ABS, Silicone




C1132
Negative Pressure
30 ml
PC, ABS, Silicone



Back to Table of Contents
Connectors
Bag Ports
Bag Chambers
Sanitary Flanges, Caps & Gaskets
Clamps & Clips
Tubing
Injection & Sampling Ports
Syringes
Stopcocks & Manifolds
Valves
Filters
Tools
Sterilization Supplies
Adhesives
Swabs
Transport Tubes

Back to Table of Contents
Connectors
Bag Ports
Bag Chambers
Sanitary Flanges, Caps & Gaskets
Clamps & Clips
Tubing
Injection & Sampling Ports
Syringes
Stopcocks & Manifolds
Valves
Filters
Tools
Sterilization Supplies
Adhesives
Swabs
Transport Tubes

## SYRINGES

### Male Luer Lock
Control Syringes



C1064
Male Luer Lock
Locking Plunger and Ring Grip
6 ml
ABS, PE, PC, Silicone



C1057
Rotating Male Luer Lock
Palm Pad, Wing Grips
10 ml
ABS, PE, PC, Silicone





C3302
1 ml
PP, SBR

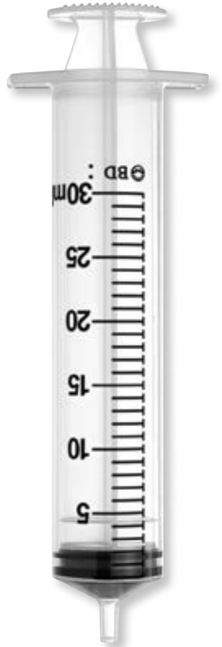


C3304
3 ml
PP, Polyisoprene



C3306
5 ml
PP, Polyisoprene

### Male Luer Slip



C3313
30 ml
PP, Polyisoprene

| Also Available: | |
|---|---|
| Part No. | Measurement |
| C3308 | 10 ml |
| C3311 | 20 ml |



C3315
50 ml
PP, Polyisoprene



Back to Table of Contents
Connectors
Bag Ports
Bag Chambers
Sanitary Flanges, Caps & Gaskets
Clamps & Clips
Tubing
Injection & Sampling Ports
Syringes
Stopcocks & Manifolds
Valves
Filters
Tools
Sterilization Supplies
Adhesives
Swabs
Transport Tubes

# Stopcocks & Manifolds

Qosina carries an extensive line of stopcocks with 1-, 2-, 3- and 4-way fluid direction and 2,- 3-, 4-, 5- and 6-gang manifolds. Connections include male luer slip, male luer lock, male luer with spin lock, rotating male luer lock, and female luer lock.

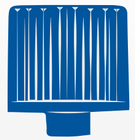
Some of our stopcocks are equipped with a needleless injection site, which includes a luer-activated valve that allows for easy control of fluids. Once the stem of a male luer is connected to the female luer lock needleless injection site, the valve opens, allowing for the flow of fluid. Once disconnected, the valve is closed, stopping the flow.

## TABLE OF CONTENTS

1-Way . . . . . 129
2-Way . . . . . 129-130
3-Way . . . . . 130-131
4-Way . . . . . 131-132
Manifolds . . . . . 132-134
Sample Assortment Kit . . . . . 135

Scan to visit Stopcocks at QOSINA.COM

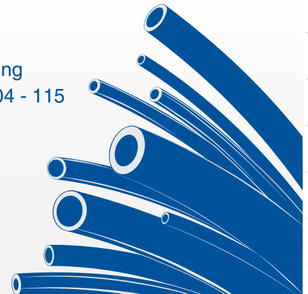
Related Products



Caps
pages 31 & 33



Luers
pages 30 - 33



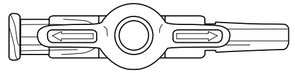
Tubing
pages 104 - 115



## STOPCOCKS

### 1-Way

1-Flow Path





99724
Female Luer Lock
Male Luer
with Spin Lock
29 psi
PC, HDPE
ISO 80369-7



11195
Female Luer Lock
Male Luer with Spin Lock
0.106 inch Thru Hole
(2.69 mm)
29 psi
PC, HDPE
ISO 80369-7



11146
90˚ Handle
Female Luer Lock
Male Luer Slip
Non-Vented Cap
30 psi
PC, HDPE, PP
ISO 80369-7



99700
Female Luer Lock
Male Luer Slip
45 psi
PC, HDPE



99759
Female Luer Lock
Male Luer with Spin Lock
45 psi
PSU, HDPE, PC
ISO 80369-7



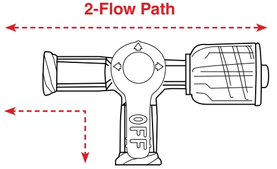
99780
Female Luer Lock
Male Luer Slip
50 psi
PC, HDPE



99522
Female Luer Lock
Male Luer with Spin Lock
500 psi
PC, Acetal

### 2-Way

2-Flow Path






99770
2 Female Luer Locks
Rotating Male Luer Lock
43 psi
PC, HDPE
ISO 80369-7



99776
2 Female Luer Locks
Male Luer with Spin Lock
43 psi
PC, PE
ISO 80369-7



99774
2 Female Luer Locks
Male Luer with Spin Lock
43 psi
PC, PE
ISO 80369-7





Back to Table of Contents
Connectors
Bag Ports
Bag Chambers
Sanitary Flanges, Caps & Gaskets
Clamps & Clips
Tubing
Injection & Sampling Ports
Syringes
Stopcocks & Manifolds
Valves
Filters
Tools
Sterilization Supplies
Adhesives
Swabs
Transport Tubes

Back to Table of Contents
Connectors
Bag Ports
Bag Chambers
Sanitary Flanges, Caps & Gaskets
Clamps & Clips
Tubing
Injection & Sampling Ports
Syringes
Stopcocks & Manifolds
Valves
Filters
Tools
Sterilization Supplies
Adhesives
Swabs
Transport Tubes

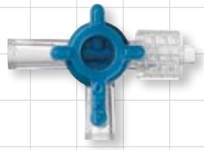
## 2-Way




99775
2 Female Luer Locks
Male Luer Slip
43 psi
PC, PE

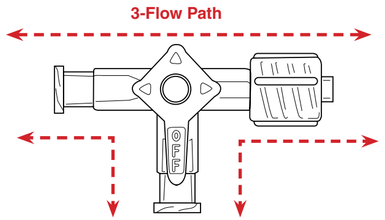


99753
90˚ Handle
2 Female Luer Locks
Swivel Male Luer Lock
0.105 inch Thru Hole (2.66 mm)
45 psi
PC, HDPE, Acrylic



99752
90˚ Handle
2 Female Luer Locks
Swivel Male Luer Lock
0.105 inch Thru Hole
(2.66 mm)
45 psi
PC, HDPE, Acrylic

## 3-Way







17624
2 Female Luer Locks
Male Luer Slip
Vented Female and Non-Vented Male Caps
0.106 inch Thru Hole (2.69 mm)
29 psi
PSU, HDPE, PP




99766
2 Female Luer Locks
1 Rotating Male Luer Lock
43 psi
PC, HDPE




99771
2 Female Luer Locks
Rotating Male Luer Lock
43 psi
PC, HDPE





## 3-Way



99520
2 Female Luer Locks
Male Luer Lock with Spin Lock
0.101 inch Thru Hole
(2.57 mm); 43.5 psi
PC, HDPE




11981
2 Female Luer Locks
1 Male Luer Lock
45 psi
PC, HDPE

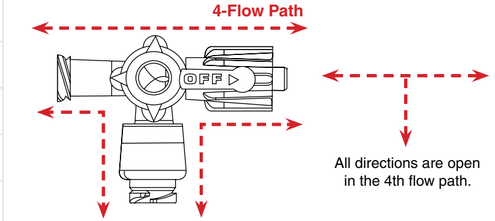



13127
2 Female Luer Locks
Male Luer Slip
45 psi
PC, HDPE



99750
2 Female Luer Locks
Swivel Male Luer Lock
116 psi
PC, HDPE

## 4-Way







99779
Female Luer Lock
Swabbable Luer-Activated Valve
Male Luer Lock
1.5 psi
HDPE, PC, Silicone



99773
Female Luer Lock
Swabbable Luer-Activated Valve
Male Luer Lock
1.5 psi
HDPE, PC, Silicone




99781
2 Female Luer Locks
Swivel Male Luer Lock
29 psi
COPE, HDPE



Back to Table of Contents
Connectors
Bag Ports
Bag Chambers
Sanitary Flanges, Caps & Gaskets
Clamps & Clips
Tubing
Injection & Sampling Ports
Syringes
Stopcocks & Manifolds
Valves
Filters
Tools
Sterilization Supplies
Adhesives
Swabs
Transport Tubes

## 4-Way




99772
2 Female Luer Locks
Rotating Male Luer Lock
43 psi
PC, HDPE



99720
2 Female Luer Locks
Male Luer with Spin Lock
0.105 inch Thru Hole
(2.67 mm)
45 psi
PC, HDPE, Acrylic




11084
2 Female Luer Locks
Male Luer Slip
45 psi
PC, HDPE




99671
2 Female Luer Locks
Male Luer Slip
130 psi
PC, PE

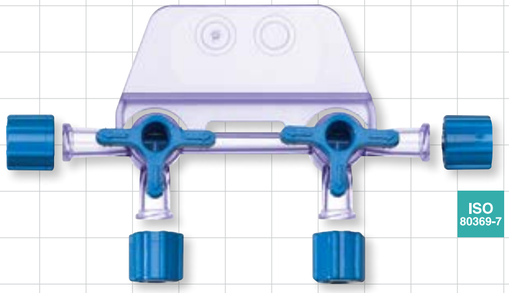



99672
2 Female Luer Locks
Male Luer Slip
130 psi
PC, PE




99673
2 Female Luer Locks
Male Luer Slip
130 psi
PC, HDPE

## Manifolds

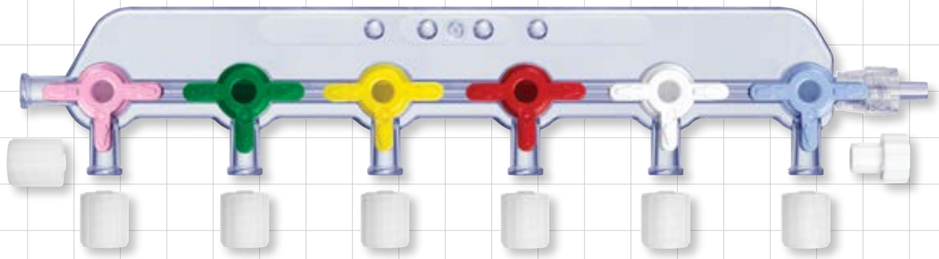



33031
2-Gang
4 Female Luer Locks, Non-Vented Caps
29 psi
PC, HDPE, PP





## Manifolds



17554
PC, HDPE

| 29 psi; PC, HDPE | |
|---|---|
| Part No. | Description |
| 17550 | 2-Gang, 3 Female Luer Locks, Male Luer with Spin Lock, Non-Vented Caps |
| 17551 | 3-Gang, 4 Female Luer Locks, Male Luer with Spin Lock, Non-Vented Caps |
| 17552 | 4-Gang, 5 Female Luer Locks, Male Luer with Spin Lock, Non-Vented Caps |
| 17553 | 5-Gang, 6 Female Luer Locks, Male Luer with Spin Lock, Non-Vented Caps |
| 17554 | 6-Gang, 7 Female Luer Locks, Male Luer with Spin Lock, Non-Vented Caps |




99859
5-Gang, 7 Female Luer Locks
29 psi
PSU, HDPE



Back to Table of Contents
Connectors
Bag Ports
Bag Chambers
Sanitary Flanges, Caps & Gaskets
Clamps & Clips
Tubing
Injection & Sampling Ports
Syringes
Stopcocks & Manifolds
Valves
Filters
Tools
Sterilization Supplies
Adhesives
Swabs
Transport Tubes

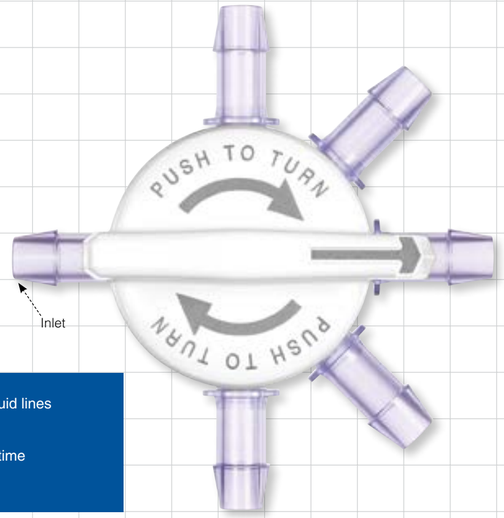
Back to Table of Contents
Connectors
Bag Ports
Bag Chambers
Sanitary Flanges, Caps & Gaskets
Clamps & Clips
Tubing
Injection & Sampling Ports
Syringes
Stopcocks & Manifolds
Valves
Filters
Tools
Sterilization Supplies
Adhesives
Swabs
Transport Tubes



99876
5-Gang, 7 Female Luer Locks
130 psi
PC, HDPE

NEW!

62024
CYLINDRAFlow™
6 Ports, Barbed
Fits 3/8 inch ID Tubing
(0.375 inch, 9.53 mm)
15 psi
PC, Silicone, SS




- Accommodates up to five fluid lines
- Ability to daisy-chain
- Flow through one port at a time
- 15 psi maximum pressure





Back to Table of Contents
Connectors
Bag Ports
Bag Chambers
Sanitary Flanges, Caps & Gaskets
Clamps & Clips
Tubing
Injection & Sampling Ports
Syringes
Stopcocks & Manifolds
Valves
Filters
Tools
Sterilization Supplies
Adhesives
Swabs
Transport Tubes




Q6000 ST
Stopcocks
Multiple Materials

**Kit contents subject to change.**

Image shown at 60%



# Valves

Qosina stocks check valves and luer-activated valves in numerous configurations, flow rates, materials, cracking pressures and back pressures to use in a wide range of applications. Designed to control flow and prevent contamination, our high-flow check valves afford quick flow response for more control. To see our full line of valves, please visit our website.

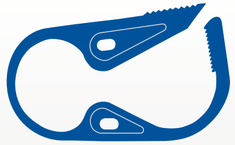
## TABLE OF CONTENTS

Check Valves . . . . . 137-141
- Luer to Luer . . . . . 137
- Luer to Tubing . . . . . 138
- Tubing to Luer . . . . . 138
- Tubing to Tubing. . . . . 138-139
- Sample Assortment Kit . . . . . 140
- Dual Check Valves. . . . . 141

Luer-Activated Valves . . . . . 141
- One-Way . . . . . 141

Scan to visit Valves at QOSINA.COM

## Related Products

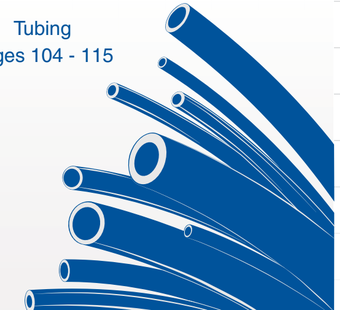


Clamps & Clips
pages 82 - 103



Luers
pages 30 - 33

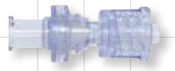
Tubing
pages 104 - 115







Flow Direction →



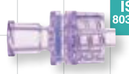
80084
Female Luer Lock
Male Luer Lock
0.112 psi CP
PC, Silicone



65140 NEW!
Female Luer Lock
Male Luer Lock with Cap
0.174 psi CP
SAN, Silicone, LDPE



11582
Female Luer Lock
Male Luer Lock
0.217 psi CP
PC, Silicone



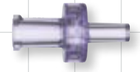
ISO 80369-7
80136
Female Luer Lock
Male Luer Lock
4.2 psi CP
PC, Silicone



80065
Female Luer Lock
Male Luer Lock
0.433 psi CP
PC, Silicone



QOS5401020SN
Female Luer Lock
Male Luer Lock
1.5 psi - 5 psi CP
PC, Silicone



80188
Female Luer Lock
Male Luer Lock Slip
1.5 psi - 5 psi CP
PC, Silicone



80185
Female Luer Lock
Male Luer Lock
1.5 psi - 5 psi CP
PC, Silicone



80107
Female Luer Lock
Male Luer Lock
1.5 psi - 5 psi CP
PC, Silicone



ISO 80369-7
80129
Female Luer Lock
Male Luer Lock
0 psi - 10 psi CP
PC, Silicone



Back to Table of Contents
Connectors
Bag Ports
Bag Chambers
Sanitary Flanges, Caps & Gaskets
Clamps & Clips
Tubing
Injection & Sampling Ports
Syringes
Stopcocks & Manifolds
Valves
Filters
Tools
Sterilization Supplies
Adhesives
Swabs
Transport Tubes

QOSINA Thousands of Stock Components Bioprocess

1cm

## Check Valves
Luer to Tubing

Flow Direction →



80504
**Female Luer Lock**
Fits 3/32 inch ID Tubing
(0.093 inch, 2.4 mm)
0.087 psi CP
SAN, MABS, Silicone



80505
**Female Luer Lock**
Fits 1/8 inch ID Tubing
(0.125 inch, 3.2 mm)
0.087 psi CP
SAN, MABS, Silicone



80392
**Female Luer Lock**
0.138 inch OD (3.5 mm)
0.25 psi CP; 45 psi BP
PC, Silicone

## Tubing to Luer



80506
**Male Luer Lock**
Fits 3/32 inch ID Tubing
(0.093 inch, 2.38 mm)
0.087 psi CP
SAN, MABS, Silicone



80507
**Male Luer Lock**
Fits 1/8 inch ID Tubing
(0.125 inch, 3.2 mm)
0.087 psi CP
SAN, MABS, Silicone



85057
**Male Luer Lock**
Fits 0.12 inch ID/
0.16 inch OD Tubing
(3 mm/4.1 mm)
0.28 psi CP
MABS, SAN, Silicone

ISO 80369-7

## Tubing to Tubing



80500
Fits 3/32 inch ID Tubing
(0.093 inch, 2.38 mm)
0.087 psi CP
MABS, Silicone



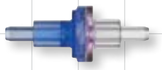
80501
Fits 3/32 inch ID x
1/8 inch ID Tubing (0.093
inch x 0.125 inch, 2.4 mm
x 3.2 mm)
0.087 psi CP
MABS, Silicone



80502
Fits 1/8 inch ID x
3/32 inch ID Tubing
(0.125 inch x 0.093 inch;
3.2 mm x 2.38 mm)
0.087 psi CP
MABS, Silicone



80503
Fits 1/8 inch ID Tubing
(0.125 inch, 3.2 mm)
0.087 psi CP
MABS, Silicone



80130
Fits 0.122 inch ID x
0.165 inch OD Tubing
(3.1 mm x 4.2 mm)
0.014 psi - 0.087 psi CP
PC, Silicone



80057
0.13 inch OD (3.3 mm)
0.112 psi CP
PC, Silicone



QOSINA Thousands of Stock Components Bioprocess

1cm



## Check Valves
Tubing to Tubing



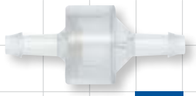
NEW!

91052
**High-Flow**
Fits 1/8 inch OD Tubing
(0.125 inch, 3.2 mm)
0.029 psi CP
Acrylic, Silicone



NEW!

91053
**High-Flow, Barbed**
Fits 1/8 inch ID Tubing
(0.125 inch, 3.2 mm)
0.029 psi CP
Acrylic, Silicone



NEW!

91054
**High-Flow, Barbed**
Fits 3/16 inch ID Tubing
(0.187 inch, 4.8 mm)
0.029 psi CP
Acrylic, Silicone



NEW!

91051
**High-Flow**
Fits 1/4 inch OD Tubing
(0.25 inch, 6.4 mm)
0.029 psi CP
Acrylic, Silicone



NEW!

91055
**High-Flow, Barbed**
Fits 3/8 inch ID Tubing
(0.375 inch, 9.5 mm)
0.029 psi CP
Acrylic, Silicone



91050
**High-Flow, Barbed**
Fits 1/4 inch ID Tubing
(0.25 inch, 6.4 mm)
0.075 psi CP
Acrylic, Silicone



91045
**High-Flow**
Both Ports 0.256 inch ID/0.366 inch OD
(6.5 mm/9.3 mm)
0 psi - 1 psi CP
MABS, Silicone



Back to Table of Contents
Connectors
Bag Ports
Bag Chambers
Sanitary Flanges, Caps & Gaskets
Clamps & Clips
Tubing
Injection & Sampling Ports
Syringes
Stopcocks & Manifolds
Valves
Filters
Tools
Sterilization Supplies
Adhesives
Swabs
Transport Tubes

Back to Table of Contents
Connectors
Bag Ports
Bag Chambers
Sanitary Flanges, Caps & Gaskets
Clamps & Clips
Tubing
Injection & Sampling Ports
Syringes
Stopcocks & Manifolds
Valves
Filters
Tools
Sterilization Supplies
Adhesives
Swabs
Transport Tubes

## Sample Assortment Kit



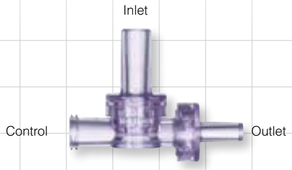

**Kit contents subject to change.**

Q3000 CV
Check Valves
Multiple Materials

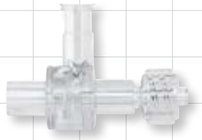




## Check Valves
Dual Check Valves




80183
Male Luer Slip Outlet
Female Luer Slip Inlet
Female Luer Lock Control Port
1 psi CP
PC, Silicone



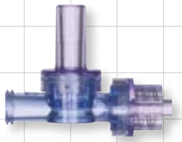
80098
Male Luer Lock Outlet
Female Luer Lock Inlet
Tubing Control Port
0.172 inch - 0.15 inch ID/
0.3 inch - 0.317 inch OD
(4.4 mm - 3.8 mm/7.6 mm - 8.1 mm)
3 psi CP
PC, Silicone



79000
Male Luer Lock Outlet
Female Luer Lock Inlet
Female Luer Lock Control Port
3 psi CP
PC, Silicone



79004
Male Luer with Swivel Nut Outlet
Female Luer Lock Inlet
Female Luer Lock Control Port
3 psi CP
PC, COPE, Silicone



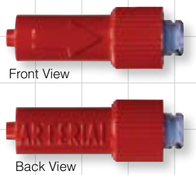
80187
Male Luer Lock Outlet
Female Luer Slip Inlet
Female Luer Lock Control Port
1.5 psi - 5 psi CP
PC, Silicone



QOS5401086SN
Male Luer Lock Outlet
Female Luer Slip Inlet
Female Luer Lock Control Port
0.26 inch OD (6.6 mm)
1.5 psi - 5 psi CP
PC, Silicone

## One-Way

Sample Only
No Injection




90403
Swabbable,
Needleless
One-Way Sampling
Valve
ABS, PC, Silicone



QOS5401036SN
Safesite® Needle-Free
Female Luer Lock
Male Luer Lock
PC, Silicone

- The one-way duckbill prevents accidental injection through the connector
- The needleless valve seals against any back pressure upon disconnection of the syringe

## Luer-Activated Valves

Male luer activates valves upon connection



90400
Texium®
Closed Male Luer Lock
with Female Cap
Female Luer Lock
PC, Silicone, PP, LDPE



Back to Table of Contents
Connectors
Bag Ports
Bag Chambers
Sanitary Flanges, Caps & Gaskets
Clamps & Clips
Tubing
Injection & Sampling Ports
Syringes
Stopcocks & Manifolds
Valves
Filters
Tools
Sterilization Supplies
Adhesives
Swabs
Transport Tubes



# Filters

Hydrophilic membrane filtration is used in several industries to filter various liquids. Hydrophilic filters can be wetted with fluid and are preferred for aqueous solutions. Once wetted, they do not allow the free passage of gases until the applied pressure exceeds the bubble point and the liquid is expelled from the membrane pores.

Hydrophobic membrane filtration will readily let gas pass through and repel water. Hydrophobic filters will not wet in water but will wet in low surface tension liquids. They are best suited for gas filtration, low surface tension solvents and venting. In some applications, hydrophobic filters are used to filter aqueous solutions because of compatibility requirements. Water or aqueous solutions can also pass through a hydrophobic filter once the water breakthrough pressure is reached.

## TABLE OF CONTENTS

Hydrophobic . . . . . 143
Hydrophobic Transducer Protectors . . . . . 144
Hydrophilic. . . . . 145

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Related Products

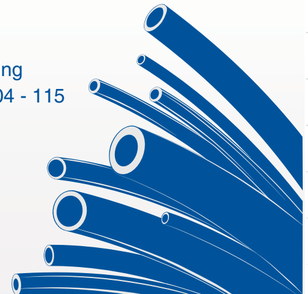


Syringes
pages 120 - 127



Luers
pages 30 - 33

Tubing
pages 104 - 115







NEW!

28251
Female Luer Lock Inlet
Male Luer Slip Outlet
0.2 Micron; 13 mm
PP, PTFE



28247
Female Luer Lock Inlet
Male Luer Slip Outlet
0.2 Micron; 15 mm
PP, PTFE



ISO 80369-7



28219
Female Luer Slip Inlet
Male Luer Slip Outlet
0.2 Micron; 17 mm
Acrylic, PTFE

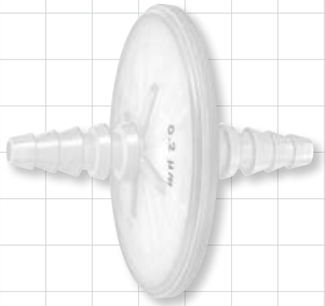
28213
Female Luer Lock Inlet
Male Luer Lock Outlet
0.2 Micron; 17 mm
Acrylic, PTFE



28246
Female Luer Lock Inlet
Male Luer Slip Outlet
0.2 Micron; 25 mm
PP, PTFE



28203
Female Luer Lock Inlet
Male Luer Slip Outlet
0.2 Micron; 25 mm
PVC, PTFE



28309
Sartopore® Air Midisart® Filter
0.2 Micron; 64 mm
1/4 inch - 1/2 inch Hose Barb
(0.25 inch - 0.5 inch, 6.35 mm - 12.7 mm)
PP, PES



28300
Female Luer Lock Inlet
Male Luer Lock Outlet
0.22 Micron; 20 mm
ABS, PTFE, PP



28211
Female Luer Lock Inlet
Male Luer Lock Outlet
0.45 Micron; 17 mm
Acrylic, PTFE



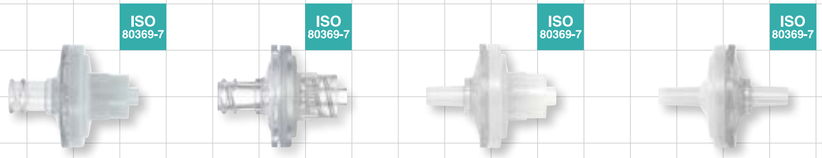
28249
Female Luer Lock Inlet
Male Luer Lock Outlet
5 Micron; 25 mm
PP, PTFE



Back to Table of Contents
Connectors
Bag Ports
Bag Chambers
Sanitary Flanges, Caps & Gaskets
Clamps & Clips
Tubing
Injection & Sampling Ports
Syringes
Stopcocks & Manifolds
Valves
Filters
Tools
Sterilization Supplies
Adhesives
Swabs
Transport Tubes

## Hydrophobic Transducer Protector

Flow Direction →



**32104**
Female Luer Lock Inlet
Tubing Port Outlet
0.2 Micron
PVC, PTFE

**32111**
Female Luer Lock Inlet
Male Luer Lock Outlet
0.2 Micron
PVC, PTFE

**32107**
Male Luer Slip Inlet
Male Luer Lock Outlet
0.2 Micron
PVC, PTFE

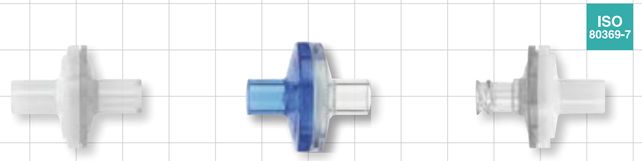
**32105**
Both Ports
Male Luer Slip
0.2 Micron
PVC, PTFE



**32112**
Male Luer Slip Inlet
Female Luer Lock Outlet
0.2 Micron
PVC, PTFE

**32113**
Tubing Port Inlet
Female Luer Lock Outlet
0.2 Micron
0.205 inch ID x 0.283 inch OD
(5.2 mm x 7.18 mm)
PVC, PTFE

**32114**
Male Luer Slip Inlet
Tubing Port Outlet
0.2 Micron
0.205 inch ID x 0.283 inch OD
(5.2 mm x 7.18 mm)
PVC, PTFE



**32101**
0.2 Micron
Both Ports 0.217 inch ID
(5.51 mm)
PVC, PTFE

**11500**
0.2 Micron
Both Ports 0.217 inch ID
0.315 inch OD
(5.51 mm, 8 mm)
PVC, Acrylic

**32103**
Female Luer Lock Inlet
0.2 Micron
0.217 inch ID x 0.291 inch OD
(5.51 mm x 7.39 mm)
PVC, PTFE, Polyester





## Hydrophilic

Flow Direction →



**12114**
0.2 Micron
Both Ports 0.091 inch ID
(2.31 mm)
Acrylic, PES, PVDF

**28216**
Female Luer Lock Inlet
Male Luer Lock Outlet
0.2 Micron; 25 mm
Acrylic, Supor®

**28217**
Female Luer Lock Inlet
Male Luer Slip Outlet
0.2 Micron; 25 mm
Acrylic, Supor®

**28245**
Female Luer Lock Inlet
Male Luer Slip Outlet
0.2 Micron; 25 mm
PP, PES

**28302**
Minisart®
Female Luer Lock Inlet
Male Luer Slip Outlet
0.22 Micron; 28 mm
PES, MBS



**28303**
Minisart®
Female Luer Lock Inlet
Male Luer Lock Outlet
0.22 Micron; 28 mm
PES, MBS

**28305**
Female Luer Lock Inlet
Male Luer Lock Outlet
0.45 Micron; 25 mm
Acrylic, CA

**28306**
Female Luer Lock Inlet
Male Luer Lock Outlet
0.8 Micron; 25 mm
Acrylic, CA

**28307**
Female Luer Lock Inlet
Male Luer Lock Outlet
1.2 Micron; 25 mm
Acrylic, CA

**28308**
Female Luer Lock Inlet
Male Luer Lock Outlet
5 Micron; 25 mm
Acrylic, CA



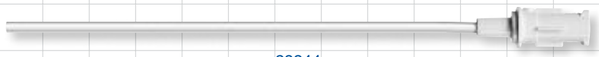
**28304**
Female Luer Lock Inlet
Male Luer Lock Outlet
5 Micron; 25 mm
Acrylic, Supor®



**28243**
Hydrophilic Filter Straw®
Female Luer Lock Outlet
5 Micron; 1.75 inch (44.45 mm) Straw
ABS, Nylon, DEHP-Free PVC



**28232**
Filter Hub
Female Luer Lock Inlet
Male Luer Slip Outlet
5 Micron
ABS, Nylon



**28244**
Hydrophilic Filter Straw®
Female Luer Lock Outlet
5 Micron; 4 inch (101.6 mm) Straw
ABS, Nylon, DEHP-Free PVC



Back to Table of Contents
Connectors
Bag Ports
Bag Chambers
Sanitary Flanges, Caps & Gaskets
Clamps & Clips
Tubing
Injection & Sampling Ports
Syringes
Stopcocks & Manifolds
Valves
Filters
Tools
Sterilization Supplies
Adhesives
Swabs
Transport Tubes

Back to Table of Contents
Connectors
Bag Ports
Bag Chambers
Sanitary Flanges, Caps & Gaskets
Clamps & Clips
Tubing
Injection & Sampling Ports
Syringes
Stopcocks & Manifolds
Valves
Filters
Tools
Sterilization Supplies
Adhesives
Swabs
Transport Tubes

# Tools

Qosina supplies tools to support the use, installation and removal of single-use components. We carry Oetiker® tools for the attachment and removal of Oetiker ear clamps. Oetiker installation tools come in single or compound action, soft grip or ergonomic handles, and standard or side jaw.

Our hand-held Clipster® tools and blades are used with the Clipster aseptic disconnectors to disconnect tubing at any stage in a process while maintaining sterility, and our SaniSure® tools are used to install and remove SaniSure clamps.

## TABLE OF CONTENTS

Removers . . . . . .147
Pre-Set Clamp Installation Tool .....147
Clipster® Aseptic Disconnectors .....148
Oetiker® Tools . . . . . .149

Scan to visit Tools at QOSINA.COM

Related Products



Oetiker® Clamps
pages 98 - 101

Clipster® Aseptic Disconnectors
page 50





Sanitary Flange Clamps
pages 102 -103








NEW!
61785
SaniSure® Clamp Removal Tool



Cap Included

Works with products 61780, 61781, 61782 and 61783 on page 103

Images shown at 75%

Pre-Set Clamp Installation Tool




NEW!
61784
SaniSure® Pre-Set Clamp Installation Tool

Back to Table of Contents
Connectors
Bag Ports
Bag Chambers
Sanitary Flanges, Caps & Gaskets
Clamps & Clips
Tubing
Injection & Sampling Ports
Syringes
Stopcocks & Manifolds
Valves
Filters
Tools
Sterilization Supplies
Adhesives
Swabs
Transport Tubes

Back to Table of Contents
Connectors
Bag Ports
Bag Chambers
Sanitary Flanges, Caps & Gaskets
Clamps & Clips
Tubing
Injection & Sampling Ports
Syringes
Stopcocks & Manifolds
Valves
Filters
Tools
Sterilization Supplies
Adhesives
Swabs
Transport Tubes

Both 61777 and 61778 work with Clipster® Aseptic Disconnectors 61727, 61728, and 61729 on page 50.




Image shown at 65%



Open View



Clipster® Aseptic Disconnector shown for reference

NEW!

61777
Hand-held Tool for Clipster® Aseptic Disconnectors
Size: XS and S

| Also Available: | |
|---|---|
| Part No. | Size |
| NEW! 61778 | L |



NEW!

61775
Blades for the Clipster® Aseptic Disconnector
Size: XS and S

| Also Available: | |
|---|---|
| Part No. | Size |
| NEW! 61776 | L |





Back to Table of Contents
Connectors
Bag Ports
Bag Chambers
Sanitary Flanges, Caps & Gaskets
Clamps & Clips
Tubing
Injection & Sampling Ports
Syringes
Stopcocks & Manifolds
Valves
Filters
Tools
Sterilization Supplies
Adhesives
Swabs
Transport Tubes



14100396
Oetiker® Ear Clamp
Single Action Pincer Tool
Straight Soft Grip Handles
Standard Jaw

Images shown at 50%

We also offer Oetiker pneumatic and cordless pincer systems and accessories.



14100496
Oetiker® Ear Clamp Compound Action Pincer Tool
Straight Ergonomic Handles
Standard Jaw

**14100496:**
- Ergonomic grips for better hand positioning
- Compound action requires less hand force



NEW! 14100498
Oetiker® Ear Clamp Compound Action Hand Pincer Tool, Straight Ergonomic Handles, Side Jaws

Designed to remove Oetiker® Ear Clamps



NEW! 14100519
Oetiker® Ear Clamp Compound Hand Cutter, Straight Soft Grip Handles



NEW! 14100516
Oetiker® Ear Clamp Compound Hand Cutter with ergonomic Handles

Visit qosina.com to see more Oetiker® tool offerings.



# Sterilization Supplies

Qosina offers a variety of sterilization supplies for biopharmaceutical and medical device components and equipment. Our sterilization products include a large assortment of pouches, sheets and tubes, are available in many sizes and styles, and are compatible with customary sterilization methods. We also carry sterilization accessories such as indicator stickers and identification tape.

## TABLE OF CONTENTS

Self-Sealing Sterilization Pouches ..... 151
EtO & Steam Sterilizable ..... 151
Heat-Sealable Sterilization Tubing ..... 151
Sterilization Sheets ..... 151
Heat-Sealable Sterilization Pouches ..... 152-154
Gamma & EtO Sterilizable ..... 153-154
Sterilization Indicators ..... 155

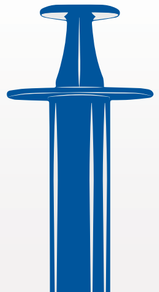
Scan to visit Sterilization Supplies at QOSINA.COM

Related Products



Tools
pages 146 - 149

Syringes
pages 120 - 127





## Self-Sealing Sterilization Pouches
EtO & Steam Sterilizable



| Chevron Pouch | | |
|---|---|---|
| Part No. | Measurement | Material |
| 91240 | 3 inch x 8 inch (76 mm x 203 mm) | Tyvek® 1073B, PET/PP |
| 91241 | 5 inch x 10 inch (127 mm x 254 mm) | Tyvek® 1073B, PET/PP |
| 91242 | 7.125 inch x 12.5 inch (181 mm x 317.5 mm) | Tyvek® 1073B, PET/PP |
| 91243 | 8 inch x 15 inch (203 mm x 381 mm) | Tyvek® 1073B, PET/PP |
| 91244 | 10 inch x 20 inch (254 mm x 508 mm) | Tyvek® 1073B, PET/PP |
| 91245 | 15 inch x 20 inch (381 mm x 508 mm) | Tyvek® 1073B, PET/PP |
| 91246 | 18 inch x 22 inch (458 mm x 558 mm) | Tyvek® 1073B, PET/PP |
| 91247 | 24 inch x 30 inch (610 mm x 762 mm) | Tyvek® 1073B, PET/PP |

## Heat-Sealable Sterilization Tubing



| Standard Sterilization Tubing | | |
|---|---|---|
| Part No. | Measurement | Material |
| 91270 | 6 inch x 500 feet (152 mm x 152 m) | Tyvek® 1073B |
| 91273 | 6 inch x 500 feet (152 mm x 152 m) | Tyvek® 1073B, HDPE |
| 91274 | 10 inch x 500 feet (254 mm x 152 m) | Tyvek® 1073B, HDPE |
| 91271 | 10 inch x 500 feet (254 mm x 152 m) | Tyvek® 1073B |
| 91275 | 12 inch x 500 feet (305 mm x 152 m) | Tyvek® 1073B, HDPE |

**Sterilization tubing is a roll of pouching that can be cut to length and used for enclosing long instruments or devices.**

| Peelable | | |
|---|---|---|
| Part No. | Measurement | Material |
| 91276 | 6 inch x 500 feet (152 mm x 152 m) | Tyvek® 1073B, PET/PP |
| 91277 | 12 inch x 500 feet (305 mm x 152 m) | Tyvek® 1073B, PET/PP |
| 91278 | 18 inch x 500 feet (457 mm x 152 m) | Tyvek® 1073B, PET/PP |

## Sterilization Sheets

**Sterilization sheets can be wrapped around devices or instruments.**

| Sterilization Sheets | | |
|---|---|---|
| Part No. | Measurement | Material |
| 91283 | 12 inch x 12 inch (305 mm x 305 mm) | Tyvek® 1073B |
| 91284 | 30 inch x 36 inch (610 mm x 914 mm) | Tyvek® 1073B |



Back to Table of Contents
Connectors
Bag Ports
Bag Chambers
Sanitary Flanges, Caps & Gaskets
Clamps & Clips
Tubing
Injection & Sampling Ports
Syringes
Stopcocks & Manifolds
Valves
Filters
Tools
Sterilization Supplies
Adhesives
Swabs
Transport Tubes



Equipped with round hang hole

Steam Indicators

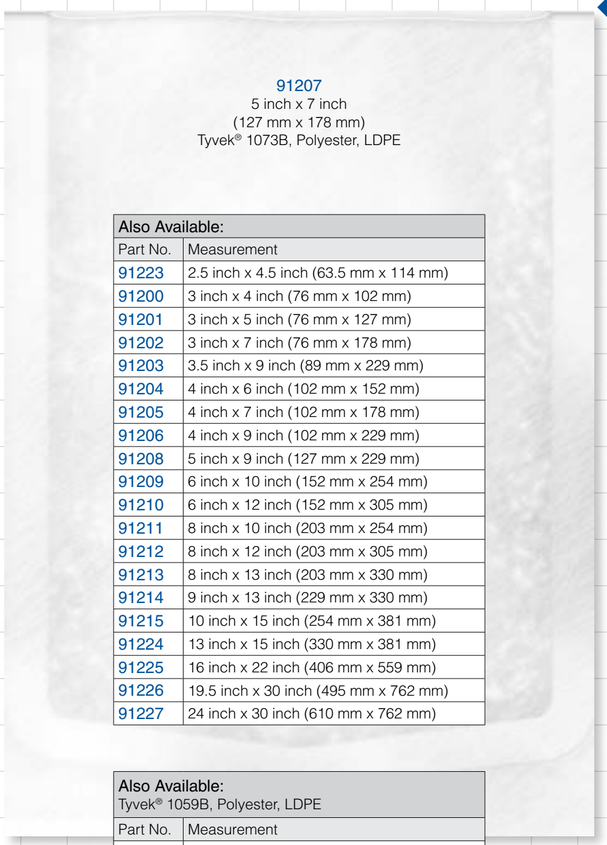
| Chevron Pouch | | |
|---|---|---|
| Part No. | Measurement | Material |
| 91312 | 6 inch x 43 inch (152 mm x 1092 mm) | Tyvek® 1073B, BON, PET/PP |
| 91235 | 6 inch x 12 inch (152 mm x 305 mm) | Tyvek® 1073B, PET/PP |
| 91236 | 8 inch x 15 inch (203 mm x 381 mm) | Tyvek® 1073B, PET/PP |
| 91237 | 12 inch x 24 inch (305 mm x 610 mm) | Tyvek® 1073B, PET/PP |
| 91238 | 18 inch x 24 inch (457 mm x 610 mm) | Tyvek® 1073B, PET/PP |
| 91239 | 24 inch x 30 inch (610 mm x 762 mm) | Tyvek® 1073B, PET/PP |

| Standard Pouch | | |
|---|---|---|
| Part No. | Measurement | Material |
| 91248 | 12 inch x 22 inch (305 mm x 558 mm) | Tyvek® 1073B, HDPE |
| 91249 | 12 inch x 24 inch (305 mm x 610 mm) | Tyvek® 1073B, HDPE |
| 91254 | 15 inch x 18 inch (381 mm x 457 mm) | Tyvek® 1073B, HDPE |
| 91256 | 24 inch x 36 inch (610 mm x 914 mm) | Tyvek® 1073B, HDPE |





Heat-sealable



91207
5 inch x 7 inch
(127 mm x 178 mm)
Tyvek® 1073B, Polyester, LDPE

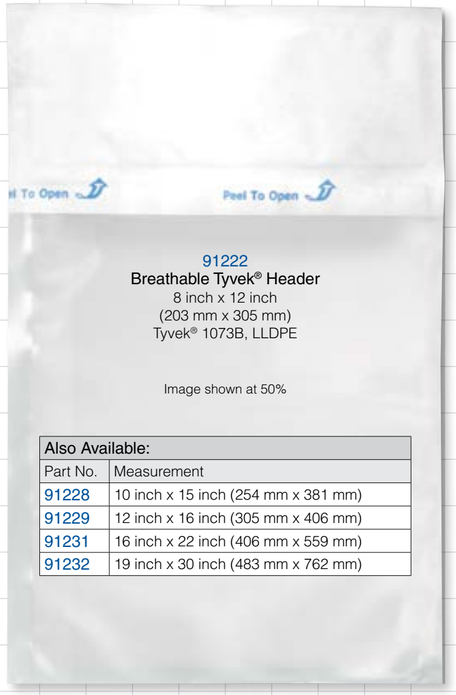
| Also Available: | |
|---|---|
| Part No. | Measurement |
| 91223 | 2.5 inch x 4.5 inch (63.5 mm x 114 mm) |
| 91200 | 3 inch x 4 inch (76 mm x 102 mm) |
| 91201 | 3 inch x 5 inch (76 mm x 127 mm) |
| 91202 | 3 inch x 7 inch (76 mm x 178 mm) |
| 91203 | 3.5 inch x 9 inch (89 mm x 229 mm) |
| 91204 | 4 inch x 6 inch (102 mm x 152 mm) |
| 91205 | 4 inch x 7 inch (102 mm x 178 mm) |
| 91206 | 4 inch x 9 inch (102 mm x 229 mm) |
| 91208 | 5 inch x 9 inch (127 mm x 229 mm) |
| 91209 | 6 inch x 10 inch (152 mm x 254 mm) |
| 91210 | 6 inch x 12 inch (152 mm x 305 mm) |
| 91211 | 8 inch x 10 inch (203 mm x 254 mm) |
| 91212 | 8 inch x 12 inch (203 mm x 305 mm) |
| 91213 | 8 inch x 13 inch (203 mm x 330 mm) |
| 91214 | 9 inch x 13 inch (229 mm x 330 mm) |
| 91215 | 10 inch x 15 inch (254 mm x 381 mm) |
| 91224 | 13 inch x 15 inch (330 mm x 381 mm) |
| 91225 | 16 inch x 22 inch (406 mm x 559 mm) |
| 91226 | 19.5 inch x 30 inch (495 mm x 762 mm) |
| 91227 | 24 inch x 30 inch (610 mm x 762 mm) |

| Also Available:<br>Tyvek® 1059B, Polyester, LDPE | |
|---|---|
| Part No. | Measurement |
| 91310 | 10 inch x 15 inch (254 mm x 381 mm) |

Pouches are unprinted.
Add your own label or request a quote for preprinted pouches.
Please inquire for custom sizes.



Back to Table of Contents
Connectors
Bag Ports
Bag Chambers
Sanitary Flanges, Caps & Gaskets
Clamps & Clips
Tubing
Injection & Sampling Ports
Syringes
Stopcocks & Manifolds
Valves
Filters
Tools
Sterilization Supplies
Adhesives
Swabs
Transport Tubes




91222
Breathable Tyvek® Header
8 inch x 12 inch
(203 mm x 305 mm)
Tyvek® 1073B, LLDPE

Image shown at 50%

| Also Available: | |
|---|---|
| Part No. | Measurement |
| 91228 | 10 inch x 15 inch (254 mm x 381 mm) |
| 91229 | 12 inch x 16 inch (305 mm x 406 mm) |
| 91231 | 16 inch x 22 inch (406 mm x 559 mm) |
| 91232 | 19 inch x 30 inch (483 mm x 762 mm) |

**Heat-sealable**

Pouches are unprinted.
Add your own label or request a quote for preprinted pouches.
Please inquire for custom sizes.











13122
EtO, Purple-to-Green Transition
upon Exposure to Ethylene Oxide
5000/Roll
Paper



13123
Steam, Blue-to-Pink Transition
upon Exposure to Steam
5000/Roll
Paper



13124
Radiation, Yellow-to-Red Transition
upon Exposure to Gamma or E-Beam Radiation
5000/Roll
Paper




99450
EtO, Purple-to-Green with Text
Text Reads “GREEN IS EXPOSED”
5000/Roll
Paper




99451
Gamma, Yellow-to-Red with Text
Text Reads “RED IS EXPOSED”
5000/Roll
Paper




13332
Chemical Process Indicator, Yellow-to-Blue Transition
upon Vaporized Hydrogen Peroxide/Plasma Processes
5000/Roll
Paper



13330
Chemical Process Indicator,
Yellow-to-Red Transition
upon Gamma & E-Beam Processes
1000/Roll
Paper



Back to Table of Contents

Connectors
Bag Ports
Bag Chambers
Sanitary Flanges, Caps & Gaskets
Clamps & Clips
Tubing
Injection & Sampling Ports
Syringes
Stopcocks & Manifolds
Valves
Filters
Tools
Sterilization Supplies
Adhesives
Swabs
Transport Tubes



# Adhesives

We understand the convenience of getting all of your project components from a single source. This allows you to speed your design, testing and validation processes, and get your device to market much quicker.

We've teamed up with H.B. Fuller, a veteran medical adhesive manufacturer, to offer you a selection of off-the-shelf instant cyanoacrylate and UV-curable acrylate adhesive solutions for bonding your single-use assemblies.

Whether your project requires a bonding agent that has a low, medium or high viscosity, or you're working with different types of materials, our instant and light-cured adhesives deliver hassle-free bonding.

## TABLE OF CONTENTS

Instant Cyanoacrylates . . . . . 157
UV-Curable Acrylates . . . . . 157
Adhesive Accessories . . . . . 157
Solution Guide . . . . . 158-159

Scan to visit Adhesives at QOSINA.COM

Always check our website for new additions

Adhesives are not intended for use in the assembly of implantable devices





## Medical-Grade Instant Cyanoacrylates




Image shown at 70%

M5005
Low Viscosity, Low Odor, Low Bloom General Purpose
20 gram

| Also Available: | | |
|---|---|---|
| Part No. | Viscosity | Description |
| M5008 | Low to Medium Viscosity | Low Odor, Low Bloom, General Purpose |
| M2611* | Low to Medium Viscosity | Surface Insensitive |
| M2240-05 | Medium Viscosity | Rubber-Toughened |
| M2028 | Medium Viscosity | General Purpose |
| M2075 | Medium to High Viscosity | General Purpose |
| M5100 | High Viscosity | Low Odor, Low Bloom, General Purpose |

*Use with 6070 Medical Primer for increased adhesion

## Medical-Grade UV-Curable Acrylates




Image shown at 70%

U304*
Medium to High Viscosity for Thermoplastics General Purpose
20 gram

| Also Available: | | |
|---|---|---|
| Part No. | Viscosity | Description |
| U305 | Medium to High Viscosity | General Purpose |
| U307 | Medium to High Viscosity | For Glass, Metal and Thermoplastics General Purpose |

*Use with 6070 Medical Primer for increased adhesion

Adhesives are not intended for use in the assembly of implantable devices

## Adhesive Accessories




6070
Medical Primer
General Purpose
14 grams
Image shown at 70%



Image shown at 70%

11306
Light Source
for UV-Curable
Adhesive Prototyping
AA Battery Required
(not included)





11305
Dispensing Tip for
H.B. Fuller Adhesives



Back to Table of Contents
Connectors
Bag Ports
Bag Chambers
Sanitary Flanges, Caps & Gaskets
Clamps & Clips
Tubing
Injection & Sampling Ports
Syringes
Stopcocks & Manifolds
Valves
Filters
Tools
Sterilization Supplies
Adhesives
Swabs
Transport Tubes

Back to Table of Contents
Connectors
Bag Ports
Bag Chambers
Sanitary Flanges, Caps & Gaskets
Clamps & Clips
Tubing
Injection & Sampling Ports
Syringes
Stopcocks & Manifolds
Valves
Filters
Tools
Sterilization Supplies
Adhesives
Swabs
Transport Tubes

QOSINA Thousands of Stock Components Bioprocess

# Solution Guide CYANOACRYLATES FOR DEVICE ASSEMBLY

**START** — What type of material are you bonding?

- Elastomers
- Plastic
  - Thermoplastic Elastomers & Thermoplastics (e.g., PP, PE, Nylon, PS, HDPE, LDPE, TPU, PET/PETG)
    - Use with 6070 Primer for Increased Adhesion → **6070**, **M2611**
  - Thermosets (e.g., PC, ABS, PMMA, PVC, Fiberglass, Phenolic)
    - Medium Viscosity → **M2028**, **M2075**

| SOLUTION | 6070 | M2611 | M2028 | M2075 |
|---|---|---|---|---|
| Viscosity (cPs) | 1 | 105 | 3 | 750 |
| Shear Strength (psi) | | 4035* | 2700** | 3320* |
| Temperature Range | | -67°F to 203°F | -67°F to 203°F | -67°F to 203°F |
| Fixture Time (seconds) | | 10 | 2 | 10 |

**SPECIALTY APPLICATION ADHESIVES**

- Rubber-Toughened Cyanoacrylates — Engineered for applications requiring vibration, shock, impact and/or heat resistance, as well as increased flexibility
  - Low to Medium Viscosity → **M2240-05**
- Low Odor, Low Bloom — For applications with aesthetic or fume requirements
  - Low Viscosity → **M5005**
  - Low to Medium Viscosity → **M5008**
  - High Viscosity → **M5100**

| SOLUTION | M2240-05 | M5005 | M5008 | M5100 |
|---|---|---|---|---|
| Viscosity (cPs) | 500 | 5 | 50 | 1000 |
| Shear Strength (psi) | 5200*** | 2600*** | 2700*** | 2600*** |
| Temperature Range | -67°F to 266°F | -67°F to 203°F | -67°F to 203°F | -67°F to 203°F |
| Fixture Time (seconds) | 25 | 15 | 20 | 60 |

* Performance of cured adhesive on Polycarbonate, tested to ASTM 4501
** Performance of cured adhesive on PETG, tested to ASTM 4501
***Performance of cured adhesive on Stainless Steel
Fixture time given is for the recommended substrate field (i.e., time for plastic recommendations are for plastic, metal are metal, and all specialty adhesives are shown for fixture time on metal.)

Adhesives are not intended for use in the assembly of implantable devices





QOSINA Thousands of Stock Components Bioprocess

# Solution Guide UV-CURABLE ADHESIVES FOR DEVICE ASSEMBLY

**START** — What type of material are you bonding?

- Plastic
  - Thermoplastics (e.g., PP, PE, Nylon, PS, HDPE, LDPE, TPU, PET/PETG)
    - Use with 6070 Primer for Increased Adhesion → **6070**, **U304**
  - Thermosets (e.g., PC, ABS, PMMA, PVC, Fiberglass, Phenolic)
    - Medium to High Viscosity → **U305**
- Metal
  - Active Metals (e.g., Brass, Bronze, Copper, Steel)
  - Inactive Metals (e.g., Nitinol, Aluminum, Nickel, Stainless Steel, Titanium, Anodized Surfaces)
    - Medium to High Viscosity → **U307**
- Glass
  - Medium to High Viscosity → **U307**

| SOLUTION | 6070 | U304 | U305 | U307 |
|---|---|---|---|---|
| Viscosity (cPs) | 1 | 1000 | 850 | 2000 |
| Shear Strength (psi) | | 3000* | 3000 | 700** |
| Temperature Range | | -65°F to 200°F | -65°F to 200°F | -65°F to 200°F |
| Fixture Time (seconds) | | 175 | 400 | 275 |

* Performance of cured adhesive on Polycarbonate
**Performance of cured adhesive on Stainless Steel
*** Performance of cured adhesive on Glass

Adhesives are not intended for use in the assembly of implantable devices




For our full list of adhesive references, visit:
**qosina.com/medical-grade-adhesives**



Back to Table of Contents
Connectors
Bag Ports
Bag Chambers
Sanitary Flanges, Caps & Gaskets
Clamps & Clips
Tubing
Injection & Sampling Ports
Syringes
Stopcocks & Manifolds
Valves
Filters
Tools
Sterilization Supplies
Adhesives
Swabs
Transport Tubes



# Swabs

Qosina carries an assortment of single-use swabs that can be used in all types of applications, across multiple industries. Available in varying lengths, our multi-purpose and precision swabs are gentle on delicate surfaces and ideal for cleaning and polishing. We offer tightly wound, lint-free and anti-static swabs in an assortment of materials, handles and tip styles.

## TABLE OF CONTENTS

Swabs . . . . . 161-164
Round/Point . . . . . 161
Point/Point . . . . . 161
Single Round . . . . . 161
Round/Round . . . . . 162
Specialty . . . . . 163-164
Sample Assortment Kits . . . . . 165

Scan to visit Swabs at QOSINA.COM

**Our multi-purpose and precision paper-handle cotton swabs comply with Directive (EU) 2019/904, to reduce the amount of plastic in the environment.**

Swab Tip Details




For a full range of Applicators, Swabs & Brushes, visit qosmedix.com.





## Swabs
Round/Point

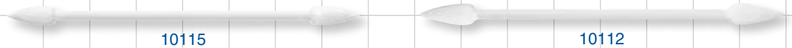


**10243**
Flat Round/Point
3 inch (76.2 mm)
Cotton, PP

**10245**
3 inch (76.2 mm)
Cotton, PP

**10247**
3 inch (76.2 mm)
Cotton, Paper

## Point/Point



**10115**
3 inch (76.2 mm)
Cotton, Paper

**10112**
3 inch (76.2 mm)
Cotton, Paper



**10226**
Mini Tips
3 inch (76.2 mm)
Cotton, Paper

**10202**
3 inch (76.2 mm)
Cotton, Wood



**19715**
6 inch (152.4 mm)
Cotton, Paper

## Single Round



**10107**
3 inch (76.2 mm)
Cotton, Wood

**49901** NEW!
4 inch (101.6 mm)
Cotton, PP



**19700**
Micro-Mini Tip
6 inch (152.4 mm)
Cotton, Paper



**19701**
6 inch (152.4 mm)
Cotton, Paper



**19847**
6 inch; 0.44 inch Head; 0.18 inch Diameter (152.4 mm; 11.18 mm; 4.57 mm)
Cotton, Wood



Back to Table of Contents
Connectors
Bag Ports
Bag Chambers
Sanitary Flanges, Caps & Gaskets
Clamps & Clips
Tubing
Injection & Sampling Ports
Syringes
Stopcocks & Manifolds
Valves
Filters
Tools
Sterilization Supplies
Adhesives
Swabs
Transport Tubes






10110
3 inch (76.2 mm)
Cotton, Paper



10117
2.88 inch (73.15 mm)
Cotton, Paper



10201
3 inch (76.2 mm)
Cotton, Paper



19710
6 inch (152.4 mm)
Cotton, Paper



10248
Dual-Ended Round Tips with Paper Handle in Cylinder Container
Swabs: 3 inch (76.2 mm)
Cylinder Container: 3.5 inch x 3.05 inch (88.9 mm x 77.47 mm)
300 Pieces Per Cylinder
Cotton, Paper

DISCONTINUED*

Shown in package

NEW!



10249
Dual Ended Round Tip Swab with Paper Handle in Paperboard Cylinder Container
Swabs: 3 inch (76.2 mm)
Cylinder Container: 3.07 inch x 3.54 inch (78 mm x 90 mm)
200 Pieces Per Cylinder
Cotton, Paper



Shown in package












19827
2.37 inch; 0.25 inch Head
(60.2 mm; 6.35 mm)
PU, PP



19844
Anti-Static
2.75 inch (69.85 mm)
PU, PP



18044
2.75 inch; 0.14 inch Head
(69.85 mm; 3.56 mm)
PU, PP



66150
2.75 inch (69.85 mm)
PU, PP



19814
3 inch; 0.21 inch Head
(76.2 mm; 5.33 mm)
Polyester/PU, PP



19808
Precision Swab with Mini Tip
3 inch; 0.02 inch - 0.09 inch Head
(76.2 mm; 0.51 mm - 2.29 mm)
Cotton, Wood



19825
3.25 inch; 0.06 inch Head
(82.55 mm; 1.52 mm)
Nylon, PP

Bendable

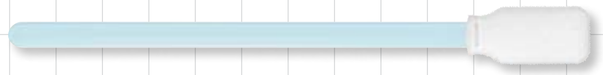


19826
3.25 inch; 0.09 inch Head
(82.55 mm; 2.29 mm)
Nylon, PP

Bendable



17028
Fiber Optic
4 inch; 0.07 inch Head
(101.6 mm; 1.78 mm)
PU, Nylon



19845
4.92 inch (124.97 mm)
PU, PP



19817
5 inch; 0.83 inch Head
(127 mm; 21.08 mm)
Polyester/PU, PP



19818
5 inch; 0.47 inch Head
(127 mm; 11.94 mm)
Polyester/PU, PP



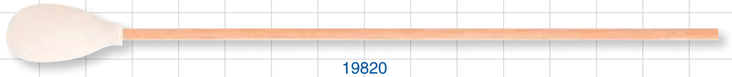
Back to Table of Contents
Connectors
Bag Ports
Bag Chambers
Sanitary Flanges, Caps & Gaskets
Clamps & Clips
Tubing
Injection & Sampling Ports
Syringes
Stopcocks & Manifolds
Valves
Filters
Tools
Sterilization Supplies
Adhesives
Swabs
Transport Tubes

Back to Table of Contents
Connectors
Bag Ports
Bag Chambers
Sanitary Flanges, Caps & Gaskets
Clamps & Clips
Tubing
Injection & Sampling Ports
Syringes
Stopcocks & Manifolds
Valves
Filters
Tools
Sterilization Supplies
Adhesives
Swabs
Transport Tubes

Back to Table of Contents
Connectors
Bag Ports
Bag Chambers
Sanitary Flanges, Caps & Gaskets
Clamps & Clips
Tubing
Injection & Sampling Ports
Syringes
Stopcocks & Manifolds
Valves
Filters
Tools
Sterilization Supplies
Adhesives
Swabs
Transport Tubes



19821
6 inch; 0.28 inch Head
(152 .4mm; 7.11 mm)
Polyester/PU, Cotton, Wood



19820
6 inch; 0.47 inch Head
(152 .4 mm; 11.94 mm)
Polyester/PU, Cotton, Wood



18013
6 inch; 0.2 inch Head
(152.4 mm; 5.08 mm)
PU, PP



19824
6 inch; 0.19 inch Head
(152 mm; 4.83 mm)
Polyester/PU, PP



19846
6.4 inch (162.56 mm)
PU, PP



Snaps in two

18804
8 inch (203.2 mm)
Rayon, PS





Back to Table of Contents
Connectors
Bag Ports
Bag Chambers
Sanitary Flanges, Caps & Gaskets
Clamps & Clips
Tubing
Injection & Sampling Ports
Syringes
Stopcocks & Manifolds
Valves
Filters
Tools
Sterilization Supplies
Adhesives
Swabs
Transport Tubes

NEW!

Q1200 PSB
Paper-Handle Cotton Swabs
Multiple Materials

**Kit contents subject to change.**

Image shown at 25%

Watch David Mantey, Editorial Director of IEN, as he skillfully unboxes an assortment of multi-purpose and precision swabs offered by Qosina.

Scan to watch now!







Q3000 PS
Precision Swabs
Multiple Materials

**Kit contents subject to change.**

Image shown at 50%



# Transport Tubes

QOSINA Thousands of Stock Components Bioprocess

1cm

Qosina stocks a selection of transport tubes and vials that are suitable for many types of specimen collection. Our tubes are available in clear materials for excellent visibility of contents and in amber for light-sensitive contents. We also carry specimen container jars with caps in a variety of sizes. To see our full line of Containers & Dispensers, please visit our website.

Scan to visit our additional Containers & Dispensers at QOSINA.COM



DISCONTINUED*

99898
Sterile
Sold Unassembled
5 ml, 0.17 oz.
PP, HDPE



DISCONTINUED*

99934
Sterile
Sold Assembled
12 ml, 0.41 oz.
PP, HDPE

Also Available:

| Part No. | Description | Cap Color |
|---|---|---|
| 99978 | Unassembled | White |
| 99919 | Assembled | Red |
| 99977 | Unassembled | Red |

DISCONTINUED*



# Reach out to Qosina Europe for your component needs!




**Learn more at www.qosina.com/qosina-europe**

We recognize the importance of supporting our European customers with local representation, so our Qosina Europe team is available to support your medical device development and production needs.

Please email **info@qosinaeurope.com or call +39 02 66401337** if you have any questions about current or past orders, or even general questions about our components. We're happy to help!

**Qosina Europe:** Viale Giacomo Matteotti, 26
20095 Cusano Milanino (MI) Italy
+39 02 66401337
info@qosinaeurope.com

Back to Table of Contents

Connectors

Bag Ports

Bag Chambers

Sanitary Flanges, Caps & Gaskets

Clamps & Clips

Tubing

Injection & Sampling Ports

Syringes

Stopcocks & Manifolds

Valves

Filters

Tools

Sterilization Supplies

Adhesives

Swabs

Transport Tubes

# Qosina’s approach to inventory management

While global supply chain challenges still exist, Qosina continues to deliver a high service level to our customers and demonstrates business continuity through efficient supply chain management, demand planning, forecasting and inventories. We also ensure consistent quality through careful oversight of the supply chain.

### Trusted partner
As a trusted supply chain management outsource partner, we can help you successfully plan and manage your component supply requirements.

### Immediate delivery
Qosina carries a vast inventory of thousands of stock components in stock and ready for immediate delivery.

### Minimize inventory investment
Reduce your inventory levels and warehousing costs while taking advantage of volume pricing.

### Ship when you need
We can help you plan out your projected inventory needs and release your parts as you need them through our blanket order agreement.

### Go online or call today
Set up a blanket order from each product page, or call a customer service specialist to learn more about placing a blanket order and how to establish an inventory management arrangement for your components.

These Qosina Terms and Conditions (the "**TAC**") are between Qosina Corp. ("**Qosina**") and you as a recipient of a Qosina component catalog (the "**Catalog**") and/or as an end user of Qosina's web site located at http://www.qosina.com (or any successor site) (the "**Site**"). **By accessing the Site, sending information to Qosina or ordering Products or services from Qosina via any method (e.g., phone, fax, email, mail or through the Site,) you agree to be bound to the TAC. If you do not agree with any term in the TAC, your sole recourse is to discontinue your use of the Site and/or the Catalog.** Changes in law or changes in Qosina's business may require changes to be made to the TAC from time to time, so Qosina encourages you to review the TAC periodically for any such changes. **Your continued use of the Site or Catalog or the placement of orders following the posting of any changes in the TAC constitutes your binding acceptance of such changes or modifications.**

## I. TERMS AND CONDITIONS OF SALE

Qosina offers the items described in the Catalog and on the Site (the "**Products**") for sale at the prices set forth in the Catalog or on the Site, as applicable (subject to revision of such prices by Qosina from time to time). No document issued by you attempting to negate or otherwise modify the terms of the TAC, including any purchase order or request for proposal, shall be binding upon Qosina and instead the TAC, including any special terms and conditions set forth separately by written agreement shall exclusively govern the sale of products and provision of services to you by Qosina.

Qosina ships Products and provides services in accordance with the specifics of your purchase order. Unless otherwise set forth in your purchase order, all items purchased from Qosina are made pursuant to a "shipment contract," which means that the risk of loss and title for such items pass to you upon Qosina's delivery to the carrier (FOB carrier). If, after delivery and inspection, you determine that the Products or services do not conform to your specifications and are, therefore, unacceptable, please notify us immediately. Qosina will either replace the rejected Products, or issue a credit therefore, at Qosina's option, as the exclusive remedy.

**WARNING: You must determine fitness of Products for use.** Exposure of Products to other materials, chemicals, sterilization or temperature extremes may cause changes in material from which the Products are manufactured, which may make the Products unsuitable for use. Some Products contain latex, which may cause allergic reactions in some individuals. **QOSINA DISCLAIMS ANY RESPONSIBILITY FOR THE FOREGOING.**

You assume all liability and responsibility for selection and use of Products by you and/or by any third party that purchases or receives the Products (or products incorporating the Products) from you or your transferees, and Qosina is not and shall not be liable or responsible in any way for any such selection or use. The Products are intended only for further manufacturing or assembly and are not for sale directly to hospitals, physicians, pharmacists, or other end users. You agree to use any Products purchased from Qosina in a safe manner, and in accordance with the applicable governmental rules and regulations.

The products listed in this catalog are intended solely for use as components for further manufacturing, processing, or incorporation into a finished device. These products are not intended for use as finished devices. Customers are solely responsible for determining whether a Qosina component product is appropriate for Customer's intended use and for ensuring that its use of the component product is in compliance with the applicable laws.



QOSINA Thousands of Stock Components Bioprocess

1cm

TERMS & CONDITIONS

**Return Goods Policy:**

1. Returned merchandise requires prior written authorization and a Qosina RGA number.
2. Claims for shortage or damaged goods must be made within 10 days of receipt.
3. All merchandise must be in the original packaging and sealed cartons.
4. All returned goods must include a packing list and must be shipped freight prepaid.
5. Credit will be issued as follows:
    a. Merchandise less than 60 days old will be issued 100% credit, less 25% restocking charge.
    b. Merchandise older than 60 days and custom orders are not returnable for credit.
    c. No cash refunds will be given.

## II. WEBSITE TERMS OF USE

The Site is provided as a service to you and is intended to provide general information about Qosina and its Products and services. Qosina reserves the right to delete, modify, or supplement the content of the Site at any time for any reason without prior notification, and will use reasonable efforts to include up-to-date and accurate information in the Site.

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In no event shall Qosina be liable to you or to any third party for any direct, incidental, indirect, special or consequential damages whatsoever (including, but not limited to, lost profits, business interruption, loss of programs or other data on your information system), even if Qosina has been advised, knew, or should have known of the possibility of such damages, arising out of or related to (i) your use of or reliance on the Site or Catalog, or any information, hyperlinks or content contained therein, (ii) your provision of information, personal or otherwise, to Qosina, (iii) the provision of Products or services by Qosina, (iv) acts or negligence on the part of Qosina, its agents or employees, or (v) your use of any Products. In purchasing Products or services from Qosina, you expressly release and discharge Qosina from all such causes of action or damages. Without limiting the foregoing, in no event shall Qosina be liable to you for more than the purchase price of any Products purchased by you from Qosina.

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Please e-mail Customer Service with any concerns regarding the Terms & Conditions or the content of this Catalog at info@qosina.com.

The Terms & Conditions was last updated on January 1, 2023









Last revised January 1, 2023

Qosina Corp. ("Qosina" or "we") respects your privacy rights and recognizes the importance of protecting your personal information ("PI"). This summary of our privacy notice ("Privacy Notice") summarizes our PI collection, use and disclosure practices. Our full Privacy Notice is available online at https://www.qosina.com/privacy-policy.

1. Application of our Privacy Notice

Our Privacy Notice applies to PI we collect in connection with:

- **Websites operated by Qosina ("Sites"):**
  - www.qosina.com
  - www.qosmedix.com
  - www.b2b.qosmedix.com
- **Catalogs ("Catalogs") from:**
- Qosina
- Qosmedix
- **Our Newsletter**
- Our interaction with customers and potential customers and others, whether online, by phone, by mail, by e-mail in person or by other means, in connection with, among other things, inquiries, product orders, product fulfillment, shipping and delivery, customer service, invoicing, payment processing, sales visits, sales calls, and trade shows

**2. How we collect PI**

**2.1** We may collect PI you voluntarily provide to Qosina, such as by:

- Visiting one of our Sites
- Creating an account
- Placing an order for products or services via our Sites, by mail, by e-mail, over the phone or in person
- Using one of our catalogs
- Filling in contact forms on our Sites asking for your queries or suggestions
- Interacting with our customer support team
- Subscribing to our monthly newsletter (whether through a Site or otherwise)
- Participating in contests or surveys
- Applying for a job
- Otherwise participating in activities we offer that might require information about you

2.2 We may also collect PI through automated processes, such as by:

- Cookies, web pixels, web beacons or other technologies we or others place via your Internet browser

**3. PI we collect**

The types of PI we collect include your name, company name, shipping/mailing address, billing address, telephone number and e-mail address. TABLE 1 in our Privacy Notice outlines the categories of PI we collect.

**4. How we use PI**

We may use the PI we collect as shown in TABLE 1 in our Privacy Notice. This includes:

- **To perform a contract with you:** For example, where you have ordered or requested products or services from us, we use your contact details and payment information to process your order and deliver the products or services to you.
- **To communicate with you.** For example, we may contact you to respond to your inquiry or complaint. We may also contact you directly or through a third-party service provider regarding products or services you purchased from us, such as necessary transactional or service related communications. We may also contact you with offers for additional services we think you may find valuable if you give us consent, or where allowed based upon legitimate interests. These contacts may include via e-mail, text (SMS) messages, telephone calls or automated phone calls or text messages.
- **With your consent:** For example, where you have provided PI to us to complete a survey or access secured content. You may withdraw your consent at any time by contacting us at [info@qosina.com or info@qosmedix.com].
- **Our legitimate business interests:** For example, where it is necessary for us to understand our customers, enhance and promote our goods, products and services and operate effectively as an international distributer of various products. Our legitimate business interests may include creating and publicizing new products and services, and offering our customers a better experience. We may perform analytics as necessary to provide you with a tailored experience and so that we can improve, maintain and manage our products and services in a way that meets your expectations as a customer.
- **Compliance with law:** For example, where we are subject to a legal obligation and need to use your PI in order to comply with that obligation.

**5. PI we disclose**

We do not disclose your PI to third parties, except:

- To vendors, service providers and other entities with whom we have a business relationship to provide products and services for and on behalf of us, such as processing credit card payments, communicating with you, including by way of e-mail or survey delivery, or for customer relationship management. We restrict these third parties by contract from utilizing, sharing or retaining your PI for any purpose other than for which they have been contracted.
- To our affiliates, in connection with the purposes described in our Privacy Notice.
- To comply with law, rule regulation or legal process, such as in response to a subpoena.
- For the purpose of facilitating and allowing a merger, acquisition or sale of a business or all or substantially all of our assets, in which case the acquiring company should continue to utilize your PI in the manner for which it was provided and intended.

We currently use Nodus Technologies to process credit card orders. Note that when you enter your credit card information to make a purchase, you are redirected from our Sites to a Nodus Technologies controlled website. We do not collect any credit card information, and Nodus Technologies is responsible for that transaction.

**6. Safeguarding your PI**

We follow generally accepted standards to safeguard the PI we collect, both during transmission and once received and stored, including encryption where appropriate. PI you submit through the Sites is encrypted with secure server software (SSL) that encodes the information before your browser software sends it to us. The SSL software decodes the data only after it reaches our server, meaning that your data will be encrypted were hackers to intercept it while in transit. Once it reaches our server, your PI will be protected by the same security software we use to safeguard our essential business data of similar nature.

**7. PI Retention**

We retain PI only for as long as necessary to provide the products or services you requested, and for additional periods where there are legitimate legal or business purposes, such as:

- When mandated by law, rule, regulation, contract or similar obligations applicable to our business operations
- For preserving, resolving, defending or enforcing our legal and contractual rights
- When needed to maintain adequate and accurate business and financial records

**8. Rights Granted by Specific U.S. Data Protection Laws**

- Certain data protection laws require that we disclose specific information regarding the categories of PI we collect, and may grant you rights with regard to that PI. They include:
- **California Privacy Rights Act** (CPRA), Cal. Civ. Code § 1798.100, et seq.; the **California Online Privacy Protection Act** (CalOPPA), Cal. Civ. Code §§ 22575 – 22579; and the **California Shine the Light Law,** Cal. Civ. Code § 1798.83, for consumers in California;
- **Nevada's Act Regarding Security and Privacy of Personal Information** (NSPPIA), NRS 603A.010 et seq., for consumers in Nevada;
- **Virginia Consumer Data Protection Act** (VCDPA), VA Code Ann. § 59.1-571, et seq., for consumers in Virginia;
- **Colorado Privacy Act** (CPA), Col. Rev. Stat. § 6-1-1301, et seq., for consumers in Colorado;
- **Utah Consumer Privacy Act** (UCPA), Utah Code Ann. § 13-61-101 to 13-61-404, for consumers in Utah; and
- **Connecticut's An Act Concerning Personal Data Privacy and Online Monitoring** (CPDPA), CT Senate Bill No. 6, Public Act No. 22-15, for consumers in Connecticut.

**8.1 Your Rights**

As a California consumer under the CPRA, a Nevada consumer under the NSPPIA, a Virginia consumer under the VCDPA, a Colorado consumer under the CPA, a Utah consumer under the UCPA, or a Connecticut consumer under the CPDPA, you have certain rights which we have identified in our Privacy Notice. You may exercise your CPRA, NSPPIA, VCDPA, CPA, UCPA and CPCPA rights via your online account, or by e-mailing us at [info@qosina.com or info@qosmedix.com] or calling us at [631-242-3000 (Qosina) or 631-242-3270 (Qosmedix)]. If we reject your request, you may appeal that rejection by e-mailing us at [info@qosina.com or info@qosmedix.com]. In Colorado, you may contact the Colorado Attorney General if you have concerns about the result of an appeal, and in Virginia, you may contact the Virginia Attorney General to submit a complaint. We do not sell your PI. We do not process your PI for targeted advertising. We do not process your PI for profiling in furtherance of decisions that produce legal or similarly significant effects concerning the consumer. For purposes of the CPRA, we do not share your PI, and we do not use sensitive PI.

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**9 Non-US Residents and the European Union**

Residents of other countries outside the United States, such as in the European Union, may have other rights. This section pertains to those individuals.

Except where we expressly acknowledge otherwise or we are required by law, we make no assurances or representations of any kind that the Sites or the products or services we offer are suitable for use in the country in which you reside. By accessing the Sites, establishing an account or making a purchase, you consent to the processing of your PI as provided in our Privacy Notice. You may withdraw that consent by contacting us at [info@qosina.com or info@qosmedix.com].

We may process PI in the United States (which has not received an adequacy decision from the European Commission) and in other jurisdictions. You are required to provide certain PI in order to open and maintain an account, or to order products or services. Your failure to provide such PI may preclude you from establishing an account or may subject your account to termination, and prohibit you from ordering any products or services. An account may be required to make certain types of online purchases, as a guest style checkout option is not always available across all of our Sites.

If at any point you believe the PI we process about you is incorrect, you may access your account and modify it there, or otherwise request to see the PI and to have it corrected or deleted by contacting us at [info@qosina.com or info@qosmedix.com]. If you wish to object to or raise a complaint on how we have handled your PI, you may contact our Data Protection Officer who will investigate the matter. You may also be able to receive a copy of your PI or have your PI transferred by contacting us at [info@qosina.com or info@qosmedix.com].

If you are not satisfied with our response or believe we are processing your PI not in accordance with law, you may complain to the data protection authority in your jurisdiction.

The data controller for PI collected pursuant to our Privacy Notice is Qosina Corp.

Our Data Protection Officer is Director of Information Technology, who may be contacted at [info@qosina.com or info@qosmedix.com].

**10. Changes to Privacy Notice**

We may update our Privacy Notice from time to time. We will indicate the last revision date at the top of the Privacy Notice. Your use of the Sites or your online account, or ordering products or services constitutes your acknowledgment of our Privacy Notice in effect at that time.

**11. Contact us**

You may reach us—
By mail at:
Qosina Corp.
2002-Q Orville Drive North
Ronkonkoma, NY 11779
Attention: Privacy Department
By telephone at: [631-242-3000 or 631-242-3270]
By e-mail at: [info@qosina.com or info@qosmedix.com]






# Expedite your component search with our enhanced **website tools and resources**

Qosina is a worldwide supplier of thousands of stock OEM components to the medical and pharmaceutical industries. Our component inventory includes connectors, luers, caps, clamps, adapters, stopcocks, valves, swabs, spikes, tubing and so much more.

Our number one priority is to offer you the best solutions to fit your needs and adapt as your project development process continues. We're happy to offer free samples for testing, low minimums on orders and high-volume discounts for production runs.

## Web Self-Service Features

**Educational Content**
- White Papers, Videos, Blogs, Resource Centers

**Overall Site Features**
- eCommerce
- Wishlist
- Compare
- Sourcing Request
- Catalog Request/ View/Download

**Shopping Cart**
- Create a Quote
- Add Your Own Shipping Method
- Quick Order Entry

**Product Page**
- Blanket Orders
- Sample Requests
- Download Documentation
- Pricing
- CAD Models

**My Account**
- PDF Invoice
- Order Tracking and History
- Item Cross Reference
- Quick Order Entry

**Applications, Brands and Standards**



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