



Custom Hose Assemblies
for All Your
**HIGH-PURITY FLUID
TRANSFER NEEDS**

- Made-to-Order Assemblies
- Superior Traceability
- Concept to Quote in 24 Hours
- Short Lead Times



YOUR PREMIER SOURCE FOR HIGH-PURITY FLUID TRANSFER SOLUTIONS

Comprehensive Hose Capabilities for All Your Process Needs

Standard and custom hoses from Purity One™ are available in multiple high-grade materials to accommodate the needs of different biomanufacturing processes. From high pressure applications to superior chemical compatibility, our assemblies are engineered to protect sensitive biomaterials while minimizing downtime.

Materials

P1ZSM



A **platinum-cured silicone hose** designed to meet the diverse needs of the food, pharmaceutical, and cosmetic industries. Ideal for the delivery of high purity products, foodstuff, and fluids with alcohol content up to 96%. Normally used in pharmaceutical, food, and cosmetic industries.

P1ZSW



A **platinum-cured silicone hose** designed to meet the diverse needs of the food, pharmaceutical, and cosmetic industries. Ideal for the delivery of high purity products, foodstuff, and fluids with alcohol content up to 96%. Normally used in pharmaceutical, food, and cosmetic industries, but also great for CIP, SIP, process and vacuum applications.

P1SB



A **platinum-cured silicone hose** designed to meet the diverse needs of the food, pharmaceutical, biotech, and cosmetic industries. Ideal for the delivery of high purity products, food products, and fluids with alcohol content up to 96%. Normally used in pharmaceutical, food, and cosmetic industries.

P1SGHD



A **platinum-cured silicone hose** designed to meet the diverse needs of the food, pharmaceutical, biotech, and cosmetic industries. Ideal for the delivery of high purity products, food products, and fluids with alcohol content up to 96%. Normally used in pharmaceutical, food, and cosmetic industries, but also great for CIP, SIP, process applications.

P1SFO



A **PTFE-Lined hose** with a platinum-cured silicone jacket designed to meet the diverse needs of all industries. Ideal for any industry - Pharmaceutical, biotech, food & beverage, chemical, petro-chemical, general purpose industrial, automotive OE & autosport but also great for CIP, SIP, process applications.

P1FGR



A **rubber hose** designed to meet the diverse needs of the food processing, oil mill, and dairy industries. Ideal for water and glycol applications in the biotech and pharmaceutical industries, specifically designed to convey milk, milk products, and fatty foodstuff in general. A suction and delivery hose.

P1NS



A **rubber hose** designed for chilled water and glycol applications in the biotech and pharmaceutical industries. Ideal for chilled water or glycol, suction and delivery hose applications.

Don't see what you're looking for?

WE ARE A BRAND AGNOSTIC HOSE SUPPLIER - This approach allows us to purchase any hose and provide alternative options upon request.

At Purity One, we are different than other custom hose suppliers. That's because we understand biopharmaceutical manufacturers need a responsive, flexible, and technically driven hose partner.



Fittings



150# FLANGE



TUBE CONNECTORS WITH FERRULES & NUTS



CAM AND GROOVE



TUBE CONNECTORS



JIC FEMALE



QUICK DISCONNECTS



MALE NPT



FEMALE NPT



SANITARY 90° ELBOW



TRI-CLAMP & TRI-CLAMP SETUPS



MINI TRI-CLAMP



OTHERS AVAILABLE UPON REQUEST



Options

- Fire Sleeve
- Anti-Sweat Sleeve
- Insulated (closed cell)
- Gamma Irradiated for Single-Use



What sets Purity One™ apart is our expert-driven specification and commitment to quality. Partner directly with our engineers to determine the best solution for your needs.

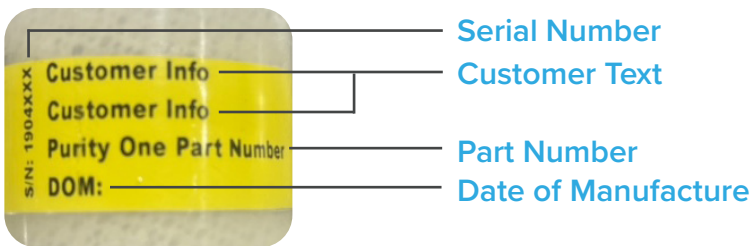


Identification

- Color-Coded Labels
- Silicone Overmolding
- Laser Etching



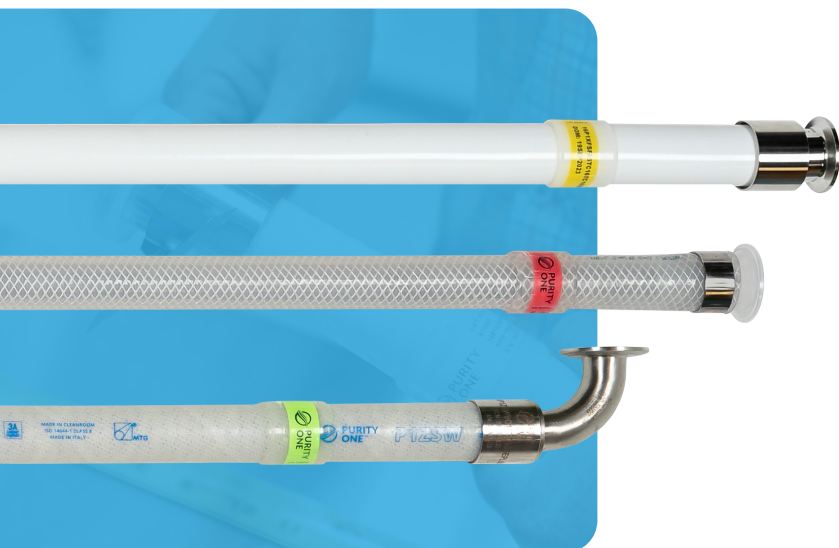
Purity One Labelling System



Color Options

Black	
Blue	
Brown	
Green	
Grey	
Orange	
Red	
Purple	
White	
Yellow	

Other Colors Available Upon Request

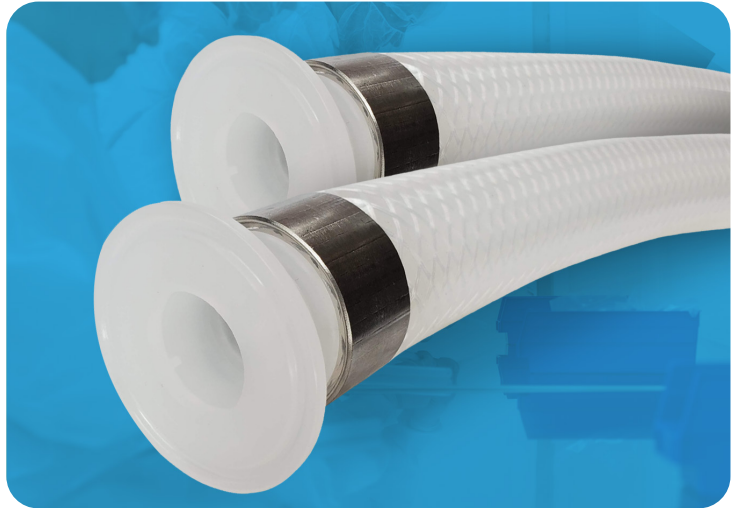




Save Time and Eliminate Risk with Our Single-Use Hose Solutions

Purity One™ pre-sterilized, single-use hose assemblies decrease the risk of cross-product contamination and eliminate expensive CIP and SIP steps. Maximize your facility's production capacity and reduce downtime with our bioprocessing solutions.

Our
✓ **ISO Class 7**
cleanroom complies with
✓ **GMP**
regulations and is
✓ **ISO 13485**
certified for the manufacture
of medical devices.



Quality Policy

Purity One™ is dedicated to the delivery of world-class custom single-use solutions and hose assemblies for use in biopharmaceutical, life sciences, and medical applications. Quality is paramount to our company.

At Purity One, every employee strives for excellence in their work with the highest results for our customers to meet and exceed their expectations. We are committed to continual improvements in all phases of the business and to continually improve the effectiveness of our processes.



Certifications

- Purity One™ Certificate of Conformance and test results with each order
- USP Class VI, FDA CFR 177.2600, ISO 1099 and European Pharmacopoeia 3.1.9 standards
- Animal-Derived Ingredient Free available



Services

- Extensive Hose Expertise (drives consultative process)
- 24-Hour Emergency Service available

Hose Applications

Buffer & Media Prep	Clean Dry Air	Clean-in-Place (CIP) & Steam-in-Place (SIP)
Chemical Process Lines	Chromatography	Column Packing
Concentrating Equipment	Drain & Condensate Lines	CIP / SIP
Heat Exchangers	High Pressure	Load Cells
Portable Pumps	Pumps & Mixers	Pumping Stations (Spray Ball)
Sampling	Seed Reactors	Skid Transfer
Transfer Lines (Process, Harvest & Media)	Vessel or Tank Transfer (Day Tanks)	Water for Injection (WFI) Supply
	Cooling Jackets	



Purity One™ manufactures single-use and custom hose solutions that are critical to improving quality of life and overall wellness for people all around the world. With our combined technical expertise and cleanroom assembly capabilities, we focus on providing a level of service and quality-assurance that is unparalleled in the global life sciences, biopharmaceutical and pharmaceuticals industries.

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IMPORTANT: Users are accountable for verifying that Purity One™ products are appropriate and safe for their intended purposes, and that the materials used conform to all relevant medical regulatory standards. Purity One™ disclaims any liability for product failures resulting from the improper use of materials supplied, whether in the design, construction, or application of the products in which these materials are utilized.