

BioPharmaPro™ Silicone Tubing and Braided, Reinforced Hose

MAXIMIZE PURITY AND PERFORMANCE IN YOUR SINGLE-USE FLUID PATH SYSTEMS



BioPharmaPro™ silicone tubing and braided, reinforced hose are engineered to deliver the highest standards of purity and reliability for critical biopharmaceutical applications. Designed specifically for the demands of single-use systems, these components ensure the integrity of your fluid path, support regulatory compliance, and accelerate your time to market.

Biopharmaceutical manufacturers and OEMs require fluid path components that ensure purity and prevent contamination. Any interaction between the component material and the process fluid can compromise drug efficacy and patient safety.

Furthermore, sourcing components from a global supply chain often introduces variability, complicating qualification processes and hindering rapid expansion.

High-Purity, Globally Standardized Tubing and Hose

Trelleborg's BioPharmaPro™ tubing and hose directly address these challenges. Manufactured from platinum-cured silicone, they offer an exceptionally clean fluid contact surface with a low extractable and leachable (E&L) profile.

Every manufacturing location uses the same raw materials and processes, ensuring consistent quality and performance worldwide, all supported by our global quality management system. This simplifies validation and enables seamless global scale-up for your single-use systems.

Features and Benefits

- **Exceptional Purity:** Manufactured using platinum-cured silicone to achieve the highest level of cleanliness and minimize the risk of process fluid contamination
- **Proven Cleanliness:** Extended E&L studies validate an extremely low E&L profile to ensure safe use with sensitive biological media
- **Regulatory Compliance:** Fully compliant with United States Pharmacopeia (USP) 87 (Cytotoxicity) and USP 88 Class VI, streamlining your validation and qualification processes
- **Advanced Sterilization Compatibility:** Designed to withstand modern gamma and X-ray sterilization methods required for today's single-use technologies without degrading material properties
- **Global Supply Chain Consistency:** Manufactured locally in multiple regions under a unified quality system with identical raw materials, ensuring consistent product performance and simplifying global expansion
- **High-Pressure Capability:** BioPharmaPro™ Braided, Reinforced Hose is engineered to withstand high pressures and extreme temperatures, making it ideal for demanding transfer and processing applications

BioPharmaPro™ Tubing and Hose

BioPharmaPro™ Silicone Tubing

Available in 50 or 65 Shore A platinum-cured silicone. Standard coil lengths are 25 ft/7.62 m, 50 ft/15.24 m and 100 ft/30.48 m.

Part Number	Inner Diameter		Wall		Part Number	Inner Diameter		Wall	
	inch	mm	inch	mm		inch	mm	inch	mm
EB03324	0.187	4.75	0.063	1.60	EB03927	0.375	9.53	0.094	2.39
EB03327	0.187	4.75	0.094	2.39	EB03940	0.375	9.53	0.125	3.18
EB03624	0.250	6.35	0.063	1.60	EB04124	0.500	12.70	0.063	1.60
EB03627	0.250	6.35	0.094	2.39	EB04127	0.500	12.70	0.094	2.39
EB03640	0.250	6.35	0.125	3.18	EB04140	0.500	12.70	0.125	3.18
EB03824	0.312	7.92	0.063	1.60	EB04340	0.625	15.88	0.125	3.18
EB03827	0.312	7.92	0.094	2.39	EB04540	0.750	19.05	0.125	3.18
EB03924	0.375	9.53	0.063	1.60	EB04740	1.000	25.40	0.125	3.18

BioPharmaPro™ Braided, Reinforced Hose

Reinforced to withstand high pressures. Standard coil lengths are 25 ft/7.62 m, 50 ft/15.24 m and 100 ft/30.48 m.

Part Number	Inner Diameter		Wall		Part Number	Inner Diameter		Wall	
	inch	mm	inch	mm		inch	mm	inch	mm
EB13642	0.250	6.35	0.135	3.43	EB14346	0.625	15.88	0.170	4.32
EB13837	0.312	7.92	0.140	3.56	EB14538	0.750	19.05	0.175	4.45
EB13737	0.375	9.53	0.140	3.56	EB14639	0.875	22.23	0.180	4.57
EB14144	0.500	12.70	0.150	3.81	EB14739	1.000	25.40	0.180	4.57

An Integrated Solutions Partner

BioPharmaPro™ is our comprehensive portfolio of solutions for the biopharmaceutical industry. Beyond tubing, we offer custom molded components, advanced extrusions and fully integrated assemblies. Our engineering expertise and Design for Manufacturing (DfM) principles allow us to act as an extension of your team, helping to develop optimized, reliable fluid path systems from concept to serial production.

Learn more about our biopharmaceutical capabilities:

www.trelleborg.com/medical/products-capabilities/biopharmaceutical-capabilities



Accelerate Your Next Project

Contact a Trelleborg Medical Solutions expert today to discuss your fluid path requirements.
www.trelleborg.com/medical/contact-us




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