



# SynaLinX<sup>®</sup>

---

TST Platinum Cured Silicone Tubing  
RST Braided Platinum Cured Silicone Tubing



## SynaLinX® TST Platinum Cured Silicone Tubing

Pharmaceutical-grade platinum cured silicone tubing and braided platinum cured silicone tubing are the optimal choices for fluid delivery pipelines in medical, healthcare, and biopharmaceutical applications. Strict safety and quality control of the raw materials and additives in the manufacturing of the tubing is essential for minimizing contamination risks and ensuring the safety and efficacy of final biopharmaceutical products. BioLink offers SynaLinX® TST Platinum Cured Silicone Tubing and SynaLinX® RST Braided Platinum Cured Silicone Tubing with imported selective medical-grade raw materials and a unique manufacturing process. The tubing is cost-effective and features low leachable, low toxicity, and low adsorption in terms of biocompatibility. Both have passed tests for physical, chemical, and biological properties, are compliant with the requirements of USP Class VI, ISO 10993, and other standards, and have been certified by SGS testing.



Test item	Reference standard	Test result
Bacterial endotoxin	ChP <1143> (same as USP <85>)	< 0.25 EU/mL
Particulate matter	ChP <0903> (same as USP <788>)	Each mL contains not more than 25 particles that are equal to or greater than 10 µm and not more than 3 particles that are equal to or greater than 25 µm
Biocompatibility	USP <87>	Pass
	USP <88> Class VI	Pass
	ISO 10993-4	Pass
	ISO 10993-10	Pass
Testing of plastic packaging system	USP <661>	Pass
Testing of elastomeric closures for injections	USP <381>	Pass
FDA 21CFR food-grade contact material safety testing	US FDA 21 CFR 177.1580	Pass
	US FDA 21 CFR 177.2600	Pass
Extractable Study	BPOG & USP <665>	Pass

### Features

- Colorless and transparent, facilitating the observation of the solution
- Resistant to sterilization by high temperature and pressure, ethylene oxide, and gamma irradiation
- Applicable at -60 to 200 °C
- Excellent tensile strength and elongation at break
- Manufactured in workshops of ISO Class 7 cleanliness
- Free of animal-derived component
- Good biocompatibility

### Applications

- Filtration assembly
- Fluid transfer
- pH control and media in cell culture
- Tubing assembly

Cat. No.	ID*OD*WT (mm)	ID*OD*WT (inch)	Packaging specification (meter/roll)
TST-0063-0188	1.6*4.8*1.6	1/16*3/16*1/16	15
TST-0094-0219	2.4*5.6*1.6	3/32*7/32*1/16	15
TST-0125-0250	3.2*6.4*1.6	1/8*1/4*1/16	15
TST-0125-0313	3.2*8.0*2.4	1/8*5/16*3/32	15
TST-0125-0375	3.2*9.6*3.2	1/8*3/8*1/8	15
TST-0156-0281	4.0*7.2*1.6	5/32*9/32*1/16	15
TST-0156-0406	4.0*10.4*3.2	5/32*13/32*1/8	15
TST-0188-0313	4.8*8.0*1.6	3/16*5/16*1/16	15
TST-0188-0375	4.8*9.6*2.4	3/16*3/8*3/32	15
TST-0250-0313	6.4*8.0*0.8	1/4*5/16*1/32	15
TST-0250-0375	6.4*9.6*1.6	1/4*3/8*1/16	15
TST-0250-0438	6.4*11.2*2.4	1/4*7/16*3/32	15
TST-0250-0500	6.4*12.7*3.2	1/4*1/2*1/8	15
TST-0313-0438	8.0*11.2*1.6	5/16*7/16*1/16	15
TST-0313-0500	8.0*12.7*2.4	5/16*1/2*3/32	15
TST-0375-0500	9.6*12.7*1.6	3/8*1/2*1/16	15
TST-0375-0563	9.6*14.4*2.4	3/8*9/16*3/32	15
TST-0375-0625	9.6*15.9*3.2	3/8*5/8*1/8	15
TST-0500-0688	12.7*17.5*2.4	1/2*11/16*3/32	15
TST-0500-0750	12.7*19.1*3.2	1/2*3/4*1/8	15
TST-0625-0875	15.9*22.3*3.2	5/8*7/8*1/8	15
TST-0750-1000	19.1*25.4*3.2	3/4*1*1/8	15
TST-0750-1125	19.1*28.7*4.8	3/4*9/8*3/16	15
TST-0750-1250	19.1*31.9*6.4	3/4*5/4*1/4	15
TST-1000-1375	25.4*34.9*4.8	1*11/8*3/16	15
TST-1000-1500	25.4*38.1*6.4	1*3/2*1/4	15

## SynaLinX® RST Braided Platinum Cured Silicone Tubing



### Features

- Resistant to sterilization by high temperature and pressure, ethylene oxide, and gamma irradiation
- Applicable at -40 to 180 °C
- Excellent mechanical performance

### Applications

- CIP/SIP
- Ultrafiltration tubing assembly
- Tubing for the stainless steel mixing system
- Disposable pressure-resistant tubing assembly

### Ordering Information

Cat. No.	ID*OD*WT (mm)	ID*OD*WT (inch)	Packaging specification (meter/roll)
TST-0063-0188	1.6*4.8*1.6	1/16*3/16*1/16	15
TST-0094-0219	2.4*5.6*1.6	3/32*7/32*1/16	15
TST-0125-0250	3.2*6.4*1.6	1/8*1/4*1/16	15
TST-0125-0313	3.2*8.0*2.4	1/8*5/16*3/32	15
TST-0125-0375	3.2*9.6*3.2	1/8*3/8*1/8	15
TST-0156-0281	4.0*7.2*1.6	5/32*9/32*1/16	15
TST-0156-0406	4.0*10.4*3.2	5/32*13/32*1/8	15
TST-0188-0313	4.8*8.0*1.6	3/16*5/16*1/16	15
TST-0188-0375	4.8*9.6*2.4	3/16*3/8*3/32	15
TST-0250-0313	6.4*8.0*0.8	1/4*5/16*1/32	15

[www.biolink.com](http://www.biolink.com)



## About BioLink

BioLink is a group of technology-driven businesses that provide process solutions in the life sciences industry. The company focuses on the development and production of the key processing equipment and consumables used in the manufacturing process of recombinant protein drugs, vaccines, antibodies, cell therapies, gene therapies, and other biological products. BioLink's portfolio of offerings covers the entire upstream and downstream bioprocess such as cell culture, single-use mixing and storage, chromatography, filtration (ultrafiltration/diafiltration, clarification, and virus removal), and hydration products, as well as process development services. BioLink is committed to providing customers with high-quality, innovative products and solutions and strives to build an efficient, safe, and competitive biopharmaceutical supply chain eco-system.

---

 [info@biolink.com](mailto:info@biolink.com)

BioLink is the trademark of all operating companies offering services of Bio-Link Biological Applied Technologies (Shanghai) Co., Ltd.; and SynaLinX is the registered trademark of BioLink products.

© 2024 All sales of products and services must abide by the terms and requirements of sale of all BioLink operating companies.

BioLink provides sales and application support for all products. BioLink reserves the right to change the quantities and functions described in this document. For the latest information, please contact BioLink.

Document No.: BLK-BR-20240307-01-EN