

BioPharmaSil platinum cured silicone tubing is available from Lennox Single Use Systems and Fluid Technologies. It is manufactured, inspected and packaged within an ISO class 7 clean room facility to stringent and highly controlled quality standards. BioPharmaSil meets ISO 10993 standard and fully meets USP Class VI, FDA 21CFR, NSF and European Pharmacopoeia classifications.

Key Benefits

- Lot Traceable
- Certificate of Conformity
- Post-cured to ensure low leachables and stable flow
- Excellent Biocompatibility
- Free from cross linked by-products
- Free from PCBs
- Low spallation
- Predictable pump life

Applications

Lennox BioPharmaSil is designed for a wide range of Single Use Biopharmaceutical Applications including:

- Media Processing and Transfer
- Filtration and Fermentation
- Cell Harvest Collection Systems

Code	ID (mm)	Wall (mm)	OD (mm)	Length (m)
JLBXTS4010	4	1	6	10
JLBXTS6010	6	1	8	25
JLBXTS1616	1.6	1.6	4.8	25
JLBXTS2416	2.4	1.6	5.6	25
JLBXTS3216	3.2	1.6	6.4	25
JLBXTS4816	4.8	1.6	8	25
JLBXTS4816-20	4.8	1.6	8	20mm Lengths x 100
JLBXTS4816-272	4.8	1.6	8	272mm Lengths x 100
JLBXTS4816-43	4.8	1.6	8	43mm Lengths x 100
JLBXTS6416	6.4	1.6	9.6	25
JLBXTS6416RS	6.4	1.6	9.6	152
JLBXTS8016	8	1.6	11.2	25
JLBXTS3218	3.2	1.8	6.8	25
JLBXTS4824	4.8	2.4	9.6	25
JLBXTS6424RS	6.4	2.4	11.2	91.5
JLBXTS8024	8	2.4	12.8	25
JLBXTS9624	9.6	2.4	14.4	25
JLBXTS6424	6.4	2.4	11.2	15
JLBXTS3030	3	3	9	25
JLBXTS12732	12.7	3.2	19.1	15
JLBXTS4832	4.8	3.2	11.2	25
JLBXTS4832RS	4.8	3.2	11.2	91.5
JLBXTS6432RS	6.4	3.2	12.8	60
JLBXTS8032	8	3.2	14.4	25
JLBXTS8032RS	8	3.2	14.4	46
JLBXTS9632	9.6	3.2	16	25
JLBXTS9632RS	9.6	3.2	16	46
JLBXTS19048	19	4.8	28.6	20
JLBXTS25448	25.4	4.8	35	20

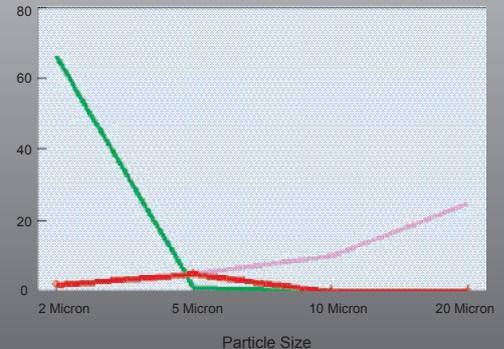
Physical Properties

Test	Range	Unit	Test Standard
Hardness	55 - 65	Shore A	ASTMD2240
Specific Gravity	1.15 - 1.21	g/cm ³	Electronic Analysis
Tensile Strength	8.0 Minimum	N/mm ²	BS ISO 37:2005
Elongation	400 Minimum	%	BS ISO 37:2005
Tear Strength	30 Minimum	Kn/m	BS ISO 34-1:2004
Temperature Range	-50 up to 200	°C	
Compression Set	TBA	%	BS 903/A6
Colour	Translucent		

Curing

Cured at 200°C for a minimum of 4 hours, up to 24 hours depending on the wall thickness of the tubing which ensures low leachables and enables stable flow.

Particle Count Analysis



Two samples from competitors were pumped for 24 hours at full occlusion with the following results.

■ Comp 1 Platinum
■ Comp 2 Platinum
■ BioPharmaSil Platinum

BioPharmaSil® is available in all standard sizes both as continuous tubing or as elements. Custom sizes are also available upon request and can be packaged or sterilised as you require.

Our Objectives are to simplify your component selection, provide essential validation documentation and technical support, and assist in the integration of total process solutions.

How can **BioPharmaSil®** help you?

- Simplify your Production Operations
- Lower Cost of GMP Pharma Manufacturing
- Reduce Process Validation
- Increase your Manufacturing Efficiencies
- Satisfy Regulatory Agency Requirements
- Reduce the Risk of Bioburden Contamination
- Increase Sustainability

Get In Touch

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