



High Purity Fluid Transfer and Pump Applications

Premium Silicone Tubing for Pharmaceutical and Bioprocessing

PharmaFocus® Silicone Tubing is fabricated using a premium silicone raw material specifically formulated to meet the demanding requirements of pharmaceutical, bioprocessing, and peristaltic pump applications.

Designed to meet a wide range of performance requirements, PharmaFocus® Premium Silicone Tubing is ideal for demanding fluid transfer processes and pumping applications. These products have been specifically formulated for use with sensitive media found in pharmaceutical and biotech processing.

Due to excellent flexibility PharmaFocus® Silicone Tubing delivers tube resilience and adaptability. High visibility of fluid transport. It is cleanroom manufactured, bio-compatible and includes material certification and lot traceability.

Regulatory Compliance

- Extractables test results - BPOG & USP 665 (ASTC, ASTP, ASTR)
- USP Class VI (ASTC, ASTP, ASTR)
- ISO 10993 (ASTC, ASTP, ASTR)
- European Pharmacopoeia 3.1.9 (ASTC, ASTP, ASTR)
- USP 85, 87, 88, 661, 788 (ASTC, ASTP)

Full Compendium of typical pharmaceutical test results is available, contact us.

Features and Benefits

- high purity
- excellent flexibility
- translucent
- biocompatibility
- USP class IV, ISO 10993, European Pharmacopoeia

Typical Applications

- Pharmaceutical and biotech processing
- Medical Applications
- Ultra-pure fluid transfer
- Single-use systems
- Tubing sets
- Peristaltic pumping
- Filling operations

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PharmaFocus® Silicone Standard Sizes

Part Number	ID	OD	Wall
SI2,38PF5,56	2,38 mm (3/32")	5,56 mm (7/32")	1,59 mm (1/16")
SI3,18PF6,35	3,18 mm (1/8")	6,35 mm (1/4")	1,59 mm (1/16")
SI3,18PF7,94	3,18 mm (1/8")	7,94 mm (5/16")	2,38 mm (3/32")
SI3,18PF9,53	3,18 mm (1/8")	9,53 mm (3/8")	3,18 mm (1/8")
SI3,97PF7,14	3,97 mm (5/32")	7,14 mm (9/32")	1,59 mm (1/16")
SI3,97PF8,73	3,97 mm (5/32")	8,73 mm (11/32")	2,38 mm (3/32")
SI3,97PF10,32	3,97 mm (5/32")	10,32 (13/32")	3,18 mm (1/8")
SI4,76PF7,94	4,76 mm (3/16")	7,94 mm (5/16")	1,59 mm (1/16")
SI4,76PF9,53	4,76 mm (3/16")	9,53 mm (3/8")	2,38 mm (3/32")
SI4,76PF11,11	4,76 mm (3/16")	11,11 mm (7/16")	3,18 mm (1/8")
SI6,35PF9,53	6,35 mm (1/4")	9,53 mm (3/8")	1,59 mm (1/16")
SI6,35PF11,11	6,35 mm (1/4")	11,11 mm (7/16")	2,38 mm (3/32")
SI6,35PF12,7	6,35 mm (1/4")	12,7 mm (1/2")	3,18 mm (1/8")
SI6,35PF15,88	6,35 mm (1/4")	15,88 mm (5/8")	4,76 mm (3/16")
SI7,94PF11,11	7,94 mm (5/16")	11,11 mm (7/16")	1,59 mm (1/16")
SI7,94PF12,7	7,94 mm (5/16")	12,7 mm (1/2")	2,38 mm (3/32")
SI7,94PF14,29	7,94 mm (5/16")	14,29 mm (9/16")	3,18 mm (1/8")
SI9,53PF12,7	9,53 mm (3/8")	12,7 mm (1/2")	1,59 mm (1/16")
SI9,53PF14,29	9,53 mm (3/8")	14,29 mm (9/16")	2,38 mm (3/32")
SI9,53PF15,88	9,53 mm (3/8")	15,88 mm (5/8")	3,18 mm (1/8")
SI9,53PF19,05	9,53 mm (3/8")	19,05 mm (3/4")	4,76 mm (3/16")
SI12,7PF15,88	12,7 mm (1/2")	15,88 mm (5/8")	1,59 mm (1/16")
SI12,7PF17,46	12,7 mm (1/2")	17,46 mm (11/16")	2,38 mm (3/32")
SI12,7PF19,05	12,7 mm (1/2")	19,05 mm (3/4")	3,18 mm (1/8")
SI12,7PF22,23	12,7 mm (1/2")	22,23 mm (7/8")	4,76 mm (3/16")
SI14,29PF19,05	14,29 mm (9/16")	19,05 mm (3/4")	2,38 mm (3/32")
SI15,88PF22,23	15,88 mm (5/8")	22,23 mm (7/8")	3,18 mm (1/8")
SI19,05PF25,4	19,05 mm (3/4")	25,4 mm (1")	3,18 mm (1/8")
SI19,05PF28,58	19,05 mm (3/4")	28,58 mm (1-1/8")	4,76 mm (3/16")
SI19,05PF31,75	19,05 mm (3/4")	31,75 mm (1-1/4")	6,35 mm (1/4")
SI22,23PF28,58	22,23 mm (7/8")	28,58 mm (1-1/8")	3,18 mm (1/8")
SI22,23PF31,75	22,23 mm (7/8")	31,75 mm (1-1/4")	4,76 mm (3/16")
SI25,4PF31,75	25,4 mm (1")	31,75 mm (1-1/4")	3,18 mm (1/8")
SI25,4PF34,93	25,4 mm (1")	34,93 (1-3/8")	4,76 mm (3/16")

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PharmaFocus® Silicone Peri Sizes

High purity silicone tubing specifically designed for peristaltic pumps and pinch valves and is ideal for demanding pumping applications. PharmaFocus® Silicone Peri Pump Tubing undergoes a stabilization process that provides the additional benefits of superior strength, performance, and longer life.

Part Number	ID	OD	Wall
SI1,59PE4,76	1,59 mm (1/16")	4,76 mm (3/16")	1,59 mm (1/16")
SI3,18PE6,35	3,18 mm (1/8")	6,35 mm (1/4")	1,59 mm (1/16")
SI3,18PE7,94	3,18 mm (1/8")	7,94 mm (5/16")	2,38 mm (3/32")
SI3,18PE9,53	3,18 mm (1/8")	9,53 mm (3/8")	3,18 mm (1/8")
SI4,76PE7,94	4,76 mm (3/16")	7,94 mm (5/16")	1,59 mm (1/16")
SI4,76PE9,53	4,76 mm (3/16")	9,53 mm (3/8")	2,38 mm (3/32")
SI4,76PE11,11	4,76 mm (3/16")	11,11 mm (7/16")	3,18 mm (1/8")
SI6,35PE9,53	6,35 mm (1/4")	9,53 mm (3/8")	1,59 mm (1/16")
SI6,35PE11,11	6,35 mm (1/4")	11,11 mm (7/16")	2,38 mm (3/32")
SI6,35PE12,7	6,35 mm (1/4")	12,7 mm (1/2")	3,18 mm (1/8")
SI7,94PE12,7	7,94 mm (5/16")	12,7 mm (1/2")	2,38 mm (3/32")
SI9,53PE14,29	9,53 mm (3/8")	14,29 mm (9/16")	2,38 mm (3/32")
SI9,53PE15,88	9,53 mm (3/8")	15,88 mm (5/8")	3,18 mm (1/8")
SI12,7PE19,05	12,7 mm (1/2")	19,05 mm (3/4")	3,18 mm (1/8")
SI12,7PE22,23	12,7 mm (1/2")	22,23 mm (7/8")	4,76 mm (3/16")
SI15,88PE22,23	15,88 mm (5/8")	22,23 mm (7/8")	3,18 mm (1/8")
SI19,05PE28,58	19,05 mm (3/4")	28,58 mm (1-1/8")	4,76 mm (3/16")
SI19,05PE31,75	19,05 mm (3/4")	31,75 mm (1-1/4")	6,35 mm (1/4")
SI25,4PE34,93	25,4 mm (1")	34,93 mm (1-3/8")	4,76 mm (3/16")

Typical Physical Properties of PharmaFocus® Silicone

Property	Test Method	Value of Rating
Durometer Hardness	D 2240	50° Shore A
Color	-	translucent
Max. Recommended Operating Temp.	-	-60° C bis +200°
Specific Gravity	TP 013	1,15 g/cm ³
Tensile Strength	D412	1600 psi
Elongation	D412	700,00%
Tear Strength	D624, Die B	230 psi

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