

Silicone - wt: 2.5 | id: 4.8 | od: 9.8 (per meter)

P/N: 525-35000-00



For Single- and Multi-Channel use (not suitable with cassette small)

- Application: Platinum-coated silicone hose for use in pharmaceuticals and biology
- Features:
  - Extremely smooth interior prevents bacterial growth
  - Biocompatible, minimal adsorption and absorption
  - Best flow properties, high temperature stability
  - Absolutely inert, softener-free
- Material: Polydimethylsiloxane with siliceous earth and silicone additives; translucent white; excellent resistance to initial pressure
- Complies with the standards: USP Class VI, FDA, meets GLP and NSF
- Temperature range: -80 to +200 °C
- Sterilization: Can be autoclaved for 30 min at 1 bar or sterilized by irradiation
- Restriction: Not suitable for concentrated solvents, oils, acids or dilute caustic soda; relatively high permeability to gas

Used with:

Acids:	conditional
Lyes:	conditional
Solvents:	unsuitable
Pressure:	satisfactory
Vacuum:	good
Viscous media:	satisfactory
Sterile media:	excellent

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Inner diameter	4.8 mm
Outer diameter	9.8 mm
Wall thickness (wt)	2.5 mm
Max. Pressure (continuous / short time)	0.8 / 1.8 bar
Suction height	8.8 mH <sub>2</sub> O
SP quick Advantage 06 / Precision 06 (min/max)	58 – 1,527 ml/min
SP quick Value 06 (min/max)	123 – 1,580 ml/min
SP quick Advantage 01 / Precision 01 (min/max)	12 – 299 ml/min
SP quick Value 01 (min/max)	26 – 299 ml/min
SP standard/vario Advantage 06 / Precision 06 (min/max)	92 – 2,390 ml/min
SP standard/vario Value 06 (min/max)	203 – 2,426 ml/min
SP standard/vario Advantage 01 / Precision 01 (min/max)	15 – 491 ml/min
SP standard/vario Value 01 (min/max)	42 - 493 ml/min
Hei-FLOW Advantage 01 / Precision 01 - pump head C 12 - Cassette small (min/max)	not suitable
Hei-FLOW Advantage 01 / Precision 01 - pump head C 4 - Cassette small (min/max)	not suitable
Hei-FLOW Value 01 - pump head C 12 - Cassette small (min/max)	not suitable
Hei-FLOW Value 01 - pump head C 4 - Cassette small (min/max)	not suitable
Hei-FLOW Value 01 - pump head C 8 - Cassette medium (min/max)	not suitable
Hei-FLOW Value 01 - pump head C 8 - Cassette large (min/max)	not suitable
Hei-FLOW Advantage 01 / Precision 01 - pump head C 8 - Cassette medium (min/max)	not suitable

Hei-FLOW Advantage 01 / Precision 01 - pump not suitable  
head C 8 - Cassette large (min/max)

Flow rates pertain to

Tygon® (Standard) tubing and water