

Silicone - wt: 2.5 | id: 7.9 | od: 12.9 (per meter)

P/N: 525-32000-00



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    |

## Silicone - wt: 2.5 | id: 7.9 | od: 12.9 (per meter) - Technical Data

|                                                                                  |                       |
|----------------------------------------------------------------------------------|-----------------------|
| Inner diameter                                                                   | 7.9 mm                |
| Outer diameter                                                                   | 12.9 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)                                   | 113 – 3,171 ml/min    |
| SP quick Value 06 (min/max)                                                      | 257 – 3,436 ml/min    |
| SP quick Advantage 01 / Precision 01 (min/max)                                   | 25 – 630 ml/min       |
| SP quick Value 01 (min/max)                                                      | 50 – 630 ml/min       |
| SP standard/vario Advantage 06 / Precision 06 (min/max)                          | not suitable          |
| SP standard/vario Value 06 (min/max)                                             | not suitable          |
| SP standard/vario Advantage 01 / Precision 01 (min/max)                          | not suitable          |
| SP standard/vario Value 01 (min/max)                                             | not suitable          |
| 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