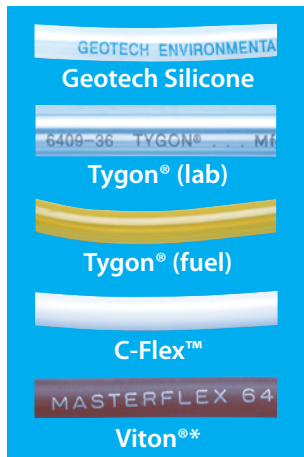


HIGH-PERFORMANCE PRECISION TUBING SPECIFICATIONS



| Tubing Cross Sections | | | | |
|-----------------------------------|---|---------------|-------------------|---|
| Tubing Size | L/S 15 | L/S 24 | L/S 35 | L/S 36 |
| Inside Diameter** | 0.19" (4.8mm) | 0.25" (6.4mm) | 0.31" (7.9mm) | 0.38" (9.7mm) |
| Hose Barb Size** | 3/16" (4.8mm) | 1/4" (6.4mm) | 3/8" (9.5mm) | 3/8" (9.5mm) |
| Flow Range – mL per Rev | 1.7 | 2.8 | 3.8 | 4.8 |
| Maximum Pressure, Continuous*** | 25 psig (1.7 bar) | | 20 psig (1.4 bar) | 15 psig (1.0 bar) |
| Maximum Pressure, Intermittent*** | 40 psig (2.7 bar) | | 35 psig (2.4 bar) | 20 psig (1.4 bar) |
| Maximum Vacuum*** | 26" Hg (660mm Hg) | | | 24" Hg (610mm Hg) |
| Suction Lift at Sea Level | 29 ft. H ₂ O (8.8m H ₂ O) | | | 27 ft. H ₂ O (8.3m H ₂ O) |

* Only available in sizes 15, 18, 25, & 36

**Nominal size

***Actual performance may vary depending on tubing formulation.

SUCTION LIFT LOSS

Calculate actual peristaltic pump suction lift based on elevation.

Note: Suction lift is the total vertical distance from static water level to peristaltic pump head.

Suction lift H₂O ft. at sea level – (Elevation in ft. x .00115) = actual H₂O suction lift at elevation.

Example: Size 15 silicone tubing has suction lift of 29 feet at sea level. Used with a Geopump at 5280 feet elevation, calculation shown here. 29 – (5280* .00115) = 22.9' actual suction lift.

PRECISION TUBING SPECIFICATIONS

| Tubing Cross Sections | | | | | | |
|-----------------------------------|--|---------------|---------------|-------------------|--|-------------------|
| Tubing Size | L/S 13 | L/S 14 | L/S 16 | L/S 25 | L/S 17 | L/S 18 |
| Inside Diameter** | 0.03" (0.8mm) | 0.06" (1.6mm) | 0.12" (3.1mm) | 0.19" (4.8mm) | 0.25" (6.4mm) | 0.31" (7.9mm) |
| Hose Barb Size** | 1/16" (1.6mm) | 1/16" (1.6mm) | 1/8" (3.2mm) | 3/16" (4.8mm) | 1/4" (6.4mm) | 3/8" (9.5mm) |
| Flow Range – mL per Rev | 0.06 | 0.21 | 0.8 | 1.7 | 2.8 | 3.8 |
| Maximum Pressure, Continuous*** | 25 psig (1.7 bar) | | | 20 psig (1.4 bar) | 15 psig (1.0 bar) | 10 psig (0.7 bar) |
| Maximum Pressure, Intermittent*** | 40 psig (2.7 bar) | | | 35 psig (2.4 bar) | 20 psig (1.4 bar) | 15 psig (1.0 bar) |
| Maximum Vacuum*** | 26" Hg (660 mm Hg) | | | | 20" Hg (510 mm Hg) | |
| Suction Lift at Sea Level | 29 ft. H ₂ O (8.8 m H ₂ O) | | | | 22 ft. H ₂ O (6.7 m H ₂ O) | |

** Nominal size

*** Actual performance may vary depending on tubing formulation.

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peristaltic_tubing.qxp 12/28/20