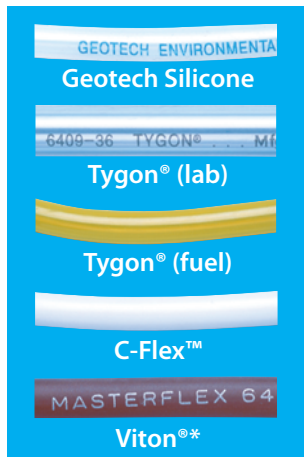






HIGH-PERFORMANCE PRECISION TUBING SPECIFICATIONS



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.

CALL GEOTECH TODAY (800) 833-7958

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