

Convolute PTFE FLHO

FHT recommends Convolute PTFE Flexible Hoses (CONVO FLHO) in applications demanding higher flexibility.

Standard Construction:



Inner Tube: helically Convolute PTFE tube made of selected premium materials certified in compliance with RoHS Directives and FDA Regulation 21 CFR 177.1550. Advanced processing and quality control ensure best quality, excellent flexibility and kink resistance.

Outer reinforcement: braid of wires in hard drawn AISI 304 stainless steel with very high tensile strength. Advanced processing and quality control ensure best performances.

CONVO 1B FLHO						
ID	ID	TOL	THICK.	OD	BR	Maxi. WP
Inches	mm	mm	mm	mm	mm	bar
1/4"	6.2	±0.40	0.8	9.4	18	180
5/16"	8.0	±0.40	0.8	12.5	19	170
3/8"	9.5	±0.60	0.8	14.8	20	140
1/2"	12.8	±0.60	0.9	18.8	25	100
5/8"	15.9	±0.60	0.9	22.1	50	85
3/4"	19.0	±0.70	0.9	24.7	65	70
1"	24.4	±0.80	1.0	32.8	90	45
1.1/4"	32.2	±0.80	1.0	40.7	120	35
1.1/2"	38.1	±0.80	1.1	48.3	150	30
2"	51.4	±0.80	1.1	61.5	190	25

Note:

FHT recommends working pressures according to ISO 7751:1991 and cannot guarantee the usage of PTFE FLHO at higher performances.

Temperature affects pressure resistance:

T (°C)	130	150	180	200	220
P (%)	100	80	50	30	10

Customized PTFE FLHO

Conductive PTFE (CDT): full conductive (black colour) or co-extruded (navy blue colour), both in compliance with FDA Regulation.

Dimensions and lengths on demand.

Reinforcement's braids made of wires in Hard Drawn AISI 316.

Textile braids: Aramidic Fiber, Polypropylene, Polyester, Glass Fiber.

Covers in various materials: TPU, PA11, PA12, CR, Silicone, Hytrel.