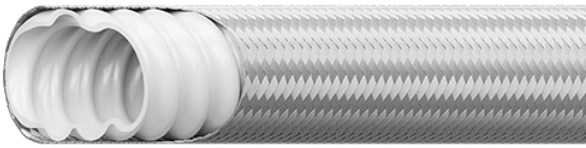
PH1003 - PTFE - CONVOLUTED HOSE



Applicable Standard : Polyhose proprietary product

Construction

Inner tube	Sintered tube of polytetrafluoroethylene (P.T.F.E)
Reinforcement	Single braid of 316 series of stainless steel wire
Application	P.T.F.E hose has an excellent temperature characteristics both in high and low temperature. Excellent chemical resistance, non contamination properties, low coefficient of friction and resists deterioration. Therefore the hose is used generally in applications where all or one of the above properties is the main criteria in fluid handling, chemical transfer and semiconductor. Also for some applications the tube can also be made conductive to dissipate electro -static charges.

Note :

- Compliances: FDA 21CFR 177.1550 (Natural Tube)USP Class VI ISO 10993 Sections 6, 10, 11. Working, burst pressure and vacuum are at 23 Deg C temperature . Available in electrical conductive version also and our part
- shall be PH1004.

Item Code	Dash Size	ID		OD		WP		BP		BR/r		W
		inch	mm	inch	mm	psi	bar	psi	bar	inch	mm	g/m
PH1003-04	-4	1/4	6.35	0.410	10.4	1500	103	6000	412	0.75	19	110
PH1003-06	-6	3/8	9.65	0.54	13.7	1500	103	6000	412	1	25	210
PH1003-08	-8	1/2	12.83	0.725	18.4	1500	103	6000	412	1.5	38	230
PH1003-12	-12	3/4	19.18	1.02	25.9	1200	83	4800	332	2	51	435
PH1003-16	-16	1	25.53	1.320	33.5	925	64	3700	256	2.5	64	550
PH1003-20	-20	1.1/4	31.87	1.68	42.7	750	52	3000	208	3	76	680
PH1003-24	-24	1.1/2	38.2	1.89	48.00	650	45	2600	180	3.75	95	810
PH1003-32	-32	2	50.8	2.42	61.5	450	31	1800	124	4.8	121	1400

Temperature Range : Continuous : -73°C to +260°C

Vacuum : 28 in Hg