

**PH1001 - PTFE WITH SS BRAID**

**Applicable Standard :** Polyhose proprietary product



**Construction**

**Inner tube** Sintered tube of polytetrafluoroethylene (P.T.F.E)

**Reinforcement** Single braid of 304 series of stainless steel wire

**Application** PTFE hose exhibits excellent temperature resistance in both high and low temperatures, outstanding chemical resistance, non-contamination properties, a low coefficient of friction, and resistance to deterioration. Therefore, the hose is generally used in applications where one or more of these properties are the main criteria.

**Note :** PTFE tube complies with FDA regulation 21 CFR Part 177.1550. All pressure ratings are specified at 20°C, and the vacuum rating is valid up to 230°C. An electrically conductive version of the hose is also available under the part number PH1002.

Item Code	Dash Size	ID		OD		WP		BP		BR/r		W	Qty (ft)	Type	No of sections
		inch	mm	inch	mm	psi	bar	psi	bar	inch	mm	g/m			
PH1001-4	-4	3/16	4.83	0.329	8.35	3000	210	12000	840	1.5	38.1	84			
PH1001-5	-5	1/4	6.48	0.370	9.40	3000	210	12000	840	3.0	75	130			
PH1001-6	-6	5/16	8.0	0.440	11.2	2500	175	10000	700	3.5	88.9	170			
PH1001-7	-7	3/8	9.65	0.495	12.6	2000	140	8000	560	5.0	125	160			
PH1001-8	-8	13/32	10.4	0.563	14.3	2000	140	8000	560	4.5	114	220			
PH1001-10	-10	1/2	12.83	0.630	16.0	1750	120	7000	480	6.5	165	240			
PH1001-12	-12	5/8	16.00	0.811	20.6	1500	105	6000	420	6.0	152	410			
PH1001-14	-14	3/4	19.18	0.880	22.4	1000	69	4000	276	8.5	216	300			
PH1001-16	-16	7/8	22.23	1.030	26.2	1000	70	4000	280	9.0	229	580			
PH1001-18	-18	1	25.53	1.130	28.70	1000	70	4000	280	12	305	490			



**Temperature Range :** Continuous : -54°C to +230°C

**Vacuum :** 28.5 in.Hg