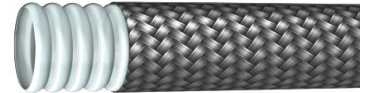




Providing Flexible Solutions Globally

**PH370 - PTFE - CONVULATED HOSE**

Applicable Standard: Polyhose proprietary product



**CONSTRUCTION**

**Core :** Helically convoluted sintered tube of polytetrafluoroethylene (P.T.F.E)

**Reinforcement:** Single braid of 304/316 series of stainless steel wire

**Temperature Range**

Continuous : -54°C to +260°C

**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 automotive, chemical, pharmaceutical & food processing, plastic & rubber molding machines. Also for some applications the tube can also be made conductive to dissipate electro -static charges.

Technical Details													
Code	Dash Size	WT	Hose I.D. (Nom.)		Hose O.D (Nom)		Working Pressure		Min.Burst Pressure		Min. Bend Radius		Weight / meter
			(In.)	(mm)	(In.)	(mm)	(psi)	(Bar)	(psi)	(Bar)	(mm)	(In.)	
Part #													
PH370-04	-4	0.75	1/4	6.60	0.410	10.4	2,500	175	10,000	700	20	0.8	149
PH370-05	-4	0.75	5/16	8.18	0.490	12.4	2,300	160	9,200	640	20	0.8	170
PH370-06	-6	0.75	3/8	9.65	0.540	13.7	1,740	120	6,960	480	20	0.8	182
PH370-08	-8	0.75	1/2	12.83	0.725	18.4	1,595	110	6,380	440	25	1.0	289
PH370-10	-10	0.80	5/8	16.00	0.827	21.0	1,450	100	5,800	400	50	2.0	349
PH370-12	-12	0.90	3/4	19.18	1.020	25.9	1,160	80	4,640	320	65	2.6	494
PH370-14	-14	1.00	7/8	22.23	1.170	29.7	870	60	3,480	240	80	3.1	565
PH370-16	-16	1.00	1	25.53	1.331	33.8	800	55	3,200	220	90	3.6	677
PH370-20	-20	1.00	1.1/4	31.88	1.680	42.7	665	45	2,660	180	110	4.4	891
PH370-24	-24	1.00	1.1/2	38.23	1.890	48.0	510	35	2,040	140	150	6.0	959
PH370-32	-32	1.10	2	50.93	2.420	61.5	365	25	1,460	100	200	8.0	1309
PH370-40	-40	1.30	2.1/2	63.50	3.346	85.0	254	17.5	1,016	70	250	9.8	1450
PH370-48	-48	1.30	3	76.00	3.504	89.0	236	16.3	944	65	310	12.2	1550

**Note:** Working and burst pressure are at 20 Deg C Temperature . Available in electrical conductive version also and our part # shall be PH 371