

PH370 – Convoluted

 polyhose.com/products/p-t-f-e-hose/ph370-convoluted/

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.

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Code	Dash size	Wall THK	Hose I.D. (Nom.)		Hose O.D. (Nom.)		Working Pressure		Min. Burst Pressure		Min. Bend Radius	
			inch	mm	inch	mm	psi	bar	psi	bar	mm	inch
PH370-4	4	0.75	1/4	6.60	0.390	9.90	2,538	175	10,150	700	15	0.6
PH370-5	5	0.75	5/16	8.00	0.490	12.45	2,320	160	9,280	640	18	0.7
PH370-6	6	0.75	3/8	9.65	0.510	12.95	2,175	150	8,700	600	20	0.8
PH370-8	8	0.75	1/2	12.83	0.730	18.54	1,958	135	7,830	540	25	1.0
PH370-10	10	0.75	5/8	16.00	0.827	21.00	1,450	100	5,800	400	50	2.0
PH370-12	12	0.90	3/4	19.18	1.020	25.90	1,160	80	4,640	320	65	2.6
PH370-14	14	1.00	7/8	22.30	1.170	29.72	943	65	3,770	260	85	3.4
PH370-16	16	1.05	1	25.53	1.331	33.80	800	55	3,190	220	90	3.6
PH370-20	20	1.00	1.1/4	31.88	1.680	42.67	653	45	2,610	180	110	4.4



PH370-24	24	1.00	1.1/2	38.23	1.890	48.00	508	35	2,030	140	150	6.0
PH370-32	32	1.10	2	50.8	2.420	61.47	363	25	1,450	100	200	8.0

Working and burst pressure are at 20 Deg C temperature
 Available in electrical conductive version also and our part # shall be PH 371

Applicable Standard:

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

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