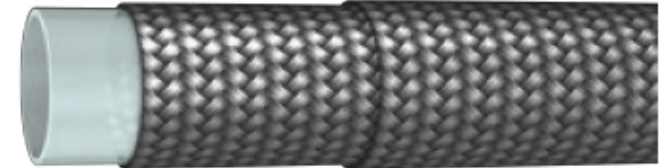


# PH382 - PTFE GAS HOSE

Polyhose Proprietary Product



## Construction

**Core** Special quality of Sintered tube of polytetrafluoroethylene (P.T.F.E)

**Reinforcement** Double braids of 304 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 Transport of cryogenic gases at high pressures

Item Code	Dash Size	WT	ID		OD		WP		BP		BR/r		W
			inch	mm	inch	mm	psi	bar	psi	bar	inch	mm	g/m
PH382-04	-4	1.00	1/4	6.4	0.470	11.9	5,300	365	15,900	1,095	1.6	40	236
PH382-05	-5	1.00	5/16	8.0	0.540	13.7	4,560	315	13,680	945	1.8	45	301
PH382-06	-6	1.00	3/8	9.5	0.580	14.7	4,350	300	13,050	900	2.6	65	353
PH382-08	-8	1.00	1/2	12.7	0.730	18.5	3,840	265	11,520	795	3.0	75	466
PH382-10	-10	1.10	5/8	16.0	0.880	22.4	3,400	235	10,200	705	4.5	115	612
PH382-12	-12	1.25	3/4	19.0	1.030	26.2	2,900	200	8,700	600	9.4	240	779
PH382-16	-16	1.40	1	25.4	1.260	32.0	2,200	150	6,600	450	12.6	320	966



Temperature Range: Continuous: -54°C to +204°C