

# PH382 – Gas Hose

 [polyhose.com/products/p-t-f-e-hose/ph382-gas-hose/](https://polyhose.com/products/p-t-f-e-hose/ph382-gas-hose/)

## 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 pressure.

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Code	Dash size	DN	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
PH382-4	-4	6	1/4	6.4	0.45	11.5	5300	365	15900	1095	40	1.60
PH382-5	-5	8	5/16	8.0	0.49	12.5	4560	315	13680	945	45	1.80
PH382-6	-6	10	3/8	9.5	0.57	14.6	4350	300	13050	900	65	2.60
PH382-8	-8	12	1/2	12.7	0.73	18.5	3840	265	11520	795	75	3.00
PH382-10	-10	16	5/8	16.0	0.85	21.6	3400	235	10200	705	115	4.60
PH382-12	-12	19	3/4	19.0	0.96	24.5	2900	200	8700	600	240	9.60
PH382-16	-16	25	1	25.4	1.20	30.5	2170	150	6510	450	320	12.80

Applicable Standard:

**Standard:** Polyhose proprietary product.

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Construction:

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

**Reinforcement:** Double braids of 303/304 series of stainless steel wire

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Temperature Range:

**Continuous:** -60°C to +260°C

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