

# PH381 – R14 2 W/B

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## 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.

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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
PH381-3	-3	1.00	1/8	3.0	0.30	7.7	4490	310	17960	1240	50	2.00
PH381-4	-4	0.70	3/16	4.8	0.36	9.1	3770	260	15080	1040	65	2.60
PH381-5	-5	0.70	1/4	6.4	0.41	10.3	3620	250	14480	1000	95	3.80
PH381-6	-6	0.70	5/16	8.0	0.49	10.3	3550	245	14200	980	125	5.00
PH381-7	-7	0.70	3/8	9.5	0.54	13.6	3330	230	13320	920	160	6.40
PH381-8	-8	0.70	13/32	10.5	0.58	14.7	2750	190	11000	760	175	7.00
PH381-10	-10	0.75	1/2	12.7	0.68	17.2	2320	160	9280	640	210	8.40
PH381-12	-12	0.90	5/8	16.0	0.83	21.1	1600	110	6400	440	270	10.80
PH381-14	-14	0.90	3/4	19.0	0.94	23.9	1380	95	5520	380	300	12.00



PH381-16	-16	1.00	7/8	22.2	1.07	27.1	1160	80	4640	320	310	12.40
PH381-18	-18	1.20	1	25.4	1.20	30.5	1080	75	4320	300	420	16.80
PH381-20	-20	1.25	1.1/8	29.0	1.37	34.8	870	60	3480	240	550	22.00

Applicable Standard:

**Standard:** Exceeds SAE J517 – 100R14 pressure requirements.

Construction:

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

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

Temperature Range:

**Continuous:** -54°C to +260°C

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