

PH179 – R14

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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 are 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
PH179-3	-3	1.00	1/8	3.35	0.247	6.27	3,260	225	13,040	900	40	1.6
PH179-4	-4	0.75	3/16	4.83	0.310	7.87	2,750	190	11,000	760	50	2.0
PH179-5	-5	0.65	1/4	6.48	0.365	9.27	2,610	180	10,440	720	75	3.0
PH179-6	-6	0.75	5/16	8.00	0.440	11.18	2,540	175	10,160	700	100	4.0
PH179-7	-7	0.75	3/8	9.65	0.490	12.45	2,390	165	9,560	660	125	5.0
PH179-8	-8	0.75	13/32	10.40	0.545	13.85	2,030	140	8,120	560	135	5.4
PH179-10	-10	0.75	1/2	12.83	0.630	16.00	1,740	120	6,960	480	165	6.6
PH179-12	-12	0.90	5/8	16.00	0.760	19.30	1,270	88	5,080	352	200	8.0
PH179-14	-14	0.90	3/4	19.18	0.900	22.86	1,010	70	4,040	280	230	9.2



PH179-16	-16	1.00	7/8	22.30	1.030	26.20	870	60	3,480	240	230	9.2
PH179-18	-18	1.05	1	25.53	1.160	29.46	870	60	3,480	240	300	12.0
PH179-20	-20	1.20	1.1/8	29.00	1.300	33.10	630	44	2,520	176	410	16.4

Available in electrical conductive version also and our part # shall be PH380 – R14 Type B.
 “Double braided available for higher performance, please check our part # PH381”

Applicable Standard:

Standard: SAE J517 – 100R14

Construction:

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

Reinforcement: Single braid of 303/304 series of stainless steel wire

Temperature Range:

Continuous: -54°C to +260°C

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