



AdvantaSil® - APHP High Pressure Unreinforced Silicone Tubing

DIMENSIONAL SPECIFICATIONS

Product #	Nominal I.D		Wall		O.D		Bend Radius		Standard Available Lengths (ft.)
	(in.)	(mm)	(in.)	(mm)	(in.)	(mm)	(in.)	(mm)	
APHP-0125-0250	.125	3.18	.063	1.60	.250	6.35	.375	9.5	50
APHP-0250-0375	.250	6.35	.063	1.60	.375	9.52	1.000	25.0	50
APHP-0375-0625	.375	9.52	.125	3.18	.625	15.88	1.200	30.0	50
APHP-0500-0750	.500	12.70	.125	3.18	.750	19.05	1.800	46.0	50
APHP-0750-1000	.750	19.05	.125	3.18	1.000	25.04	2.100	53.0	50
APHP-1000-1375	1.000	25.40	.188	4.76	1.375	34.93	4.100	104.0	50
APHP-1500-1875	1.500	38.10	.188	4.76	1.875	47.60	6.000	152.0	10

PERFORMANCE SPECIFICATIONS

HPNE TUBING RANGE

Product #	Burst Pressure Non-Treated		Recommended Working Pressure based on 3:1 safety factor Non-Treated		Burst Pressure Gamma Irradiated 45kGy		Recommended Working Pressure based on 3:1 safety factor Gamma Irradiated 45kGy		Vacuum Capability (in./Hg)
	(psi)	(bar)	(psi)	(bar)	(psi)	(bar)	(psi)	(bar)	
APHP-0125-0250	175	12.1	58	4.0	184	12.7	61	12.7	>29.5
APHP-0250-0375	109	7.5	36	2.5	127	8.8	42	2.9	>29.5
APHP-0375-0625	168	11.6	56	3.9	182	12.5	61	4.2	>29.5
APHP-0500-0750	124	8.5	41	2.8	138	9.5	46	3.2	>29.5
APHP-0750-1000	103	7.1	34	2.3	113	7.8	38	2.6	>29.5
APHP-1000-1375	76	5.2	25	1.7	105	7.2	35	2.4	>29.5
APHP-1500-1875	83	5.7	27	1.9	91	6.3	30	2.1	>29.5