



HANNA RUBBER COMPANY

Specification Sheet



Braid Reinforced PVC Hose

Physical Properties	
Hardness, Shore A ± 5	80
Tensile Strength, psi	2500
Elongation at Break, %	300
Brittle Temperature	-50°F
Maximum Operating Temperature	175°F
Maximum Operating Temp. for NSF	140°F

Product Number	ID (in.)	OD (in.)	Wall (in.)	Wall Type	Available Lengths	Working PSI (at 70°F)	Burst PSI (at 70°F)	Calculated lbs/100 ft
16-R-.1875NB	.1875 (3/16)	.390 (25/64)	.103	Standard	50, 100	315	945	5.06
16-R-.25	.250 (1/4)	.453 (29/64)	.203	Standard	50, 100	250	750	0.04
16-R-.25NB	.250 (1/4)	.453 (29/64)	.102	Standard	50, 100, 500	300	900	6.03
16-R-.31	.313 (5/16)	.531 (17/32)	.218	Standard	50, 100	250	750	0.05
16-R-.313NB	.313 (5/16)	.531 (17/32)	.94	Standard	50, 100	280	840	7.77
16-R-.37NB	.375 (3/8)	.600	.113	Standard	50, 100, 500	230	690	9.26
16-R-.37 X 12NB	.375 (3/8)	.594 (19/32)	.113	Standard	50, 100	230	690	9.26
16-R-.5	.500 (1/2)	.719 (23/32)	.218	Standard	50, 100	150	450	0.10
16-R-.5NB	.500 (1/2)	.728	.114	Standard	50, 100, 200, 500	215	645	11.82
16-R-.5X100	.500 (1/2)	0.69	.189	Standard	50, 100	150	450	0.10
16-R-.5X500	.500 (1/2)	0.69	.189	Standard	50, 100	150	450	0.10
16-R-.62	.625 (5/8)	.906 (29/32)	.141	Standard	50, 100	150	450	0.12
16-R-.75	.750 (3/4)	1.024 (1-1/32)	.137	Standard	50, 100	150	450	0.18
16-R-.75NB	.750 (3/4)	1.024 (1-1/32)	.137	Standard	50, 100, 300, 500	150	450	20.53
16-R-1	1.000 (1)	1.299 (1-5/16)	.150	Standard	50, 100	125	375	0.27
16-R-1NB	1.000 (1)	1.299 (1-5/16)	.150	Standard	50, 100, 200, 300	130	390	29.03
16-R-1.25	1.250 (1-1/4)	1.62	.241	Standard	50, 100	100	300	0.44
16-R-1.25NB	1.250 (1-1/4)	1.62	.241	Standard	50, 100	110	330	60.7
16-R-1.5	1.500 (1-1/2)	1.92	.215	Standard	50, 100	70	210	0.51
16-R-1.5NB	1.500 (1-1/2)	1.92	.215	Standard	50, 100	70	210	62.12
16-R-2	2.000 (2)	2.50 (2-1/2)	.250 (1/4)	Standard	50, 100	60	180	

Product Number	ID (in.)	OD (in.)	Wall (in.)	Wall Type	Available Lengths	Working PSI (at 70°F)	Burst PSI (at 70°F)	Calculated lbs/100 ft
16-1020005	1.000	1.375 (1-3/8)	.188 (3/16)	High Pressure	50, 100	185	555	37.8
16-1020012	1.250 (1-1/4)	1.732	.241	High Pressure	50, 100	150	450	60.7
16-1020019	1.500 (1-1/2)	1.950	.225	High Pressure	50, 100	90	270	65.5
16-1020026	2.000	2.500 (2-1/2)	.250 (1/4)	High Pressure	50, 100	133	399	95.02
16-1020061	.250 (1/4)	.500 (1/2)	.125 (1/8)	High Pressure	50, 100, 500	400	1200	7.9
16-1020075	.375 (3/8)	.625 (5/8)	.125 (1/8)	High Pressure	50, 100, 500	265	795	10.5
16-1020096	.500 (1/2)	.850	.175	High Pressure	50, 100, 500	258	774	20
16-1020117	.750 (3/4)	1.125 (1-1/8)	.188 (3/16)	High Pressure	50, 100, 200, 300	233	699	30
16-1030309	.250 (1/4)	.435	.093	Thin	100	316	948	5.35
16-1030540	.375 (3/8)	.575	.100	Thin	100	215	645	8.02
16-1030694	.500 (1/2)	.710	.105	Thin	100	191	573	10.73

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