



HANNA RUBBER COMPANY

Specification Sheet



Nylon 12 Tubing

Physical Properties		
	Semi-Rigid Grade	Flexible Grade
Hardness, Shore D ± 5	72	63
Tensile Strength, psi	7300	7300
Elongation at Break, %	300	300
Cold Impact Resistance, °F^^	<-40	<-40
Maximum Operating Temperature °F	212	212

Nylon-12 Semi-Rigid Grade

Product Number	ID	OD	Wall	Working PSI (at 70°F)	Bend Radius	Colors	Weight (lbs/100 ft)
16-2330216	.075	.125 (1/8)	.025	1000	1/4	Black	0.35
16-2330265	.075	.125 (1/8)	.025	1000	1/4	Natural	0.35
16-2330531	.095	.125 (1/8)	.015	400	3/8	Black	0.25
16-2330580	.095	.125 (1/8)	.015	400	3/8	Natural	0.25
16-2330846	.086	.156 (5/32)	.035	1120	1/4	Black	0.6
16-2330895	.086	.156 (5/32)	.035	1120	1/4	Natural	0.6
16-2331161	.106	.156 (5/32)	.025	730	3/8	Black	0.47
16-2331210	.106	.156 (5/32)	.025	730	3/8	Natural	0.47
16-2331476	.107	.188 (3/16)	.040	980	3/8	Black	0.84
16-2331525	.107	.188 (3/16)	.040	980	3/8	Natural	0.84
16-2331791	.137	.188 (3/16)	.025	530	1/2	Black	0.58
16-2331840	.137	.188 (3/16)	.025	530	1/2	Natural	0.58
16-2332106	.150	.250 (1/4)	.050	1000	1/2	Black	1.39
16-2332155	.150	.250 (1/4)	.050	1000	1/2	Natural	1.39
16-2332421	.190	.250 (1/4)	.030	500	1	Black	0.95
16-2332470	.190	.250 (1/4)	.030	500	1	Natural	0.95
16-2332736	.182	.313 (5/16)	.065	1165	7/8	Black	2.2
16-2332785	.182	.313 (5/16)	.065	1165	7/8	Natural	2.2
16-2333051	.242	.313 (5/16)	.035	465	1-1/4	Black	1.35
16-2333100	.242	.313 (5/16)	.035	465	1-1/4	Natural	1.35

Product Number	ID	OD	Wall	Working PSI (at 70°F)	Bend Radius	Colors	Weight (lbs/100 ft)
16-2333366	.225	.375 (3/8)	.075	1180	1	Black	3.2
16-2333415	.225	.375 (3/8)	.075	1180	1	Natural	3.2
16-2333681	.295	.375 (3/8)	.040	530	1-1/2	Black	1.92
16-2333730	.295	.375 (3/8)	.040	530	1-1/2	Natural	1.92

Nylon-12 Flexible Grade

Product Number	ID	OD	Wall	Working PSI (at 70°F)	Bend Radius	Colors	Weight (lbs/100 ft)
16-2340212	.058	.125 (1/8)	.034	830	5/16	Black	0.44
16-2340219	.058	.125 (1/8)	.034	830	5/16	Blue	0.44
16-2340254	.058	.125 (1/8)	.034	830	5/16	Green	0.44
16-2340261	.058	.125 (1/8)	.034	830	5/16	Natural	0.44
16-2340289	.058	.125 (1/8)	.034	830	5/16	Red	0.44
16-2340527	.117	.188 (3/16)	.035	600	3/8	Black	0.74
16-2340534	.117	.188 (3/16)	.035	600	3/8	Blue	0.74
16-2340569	.117	.188 (3/16)	.035	600	3/8	Green	0.74
16-2340576	.117	.188 (3/16)	.035	600	3/8	Natural	0.74
16-2340604	.117	.188 (3/16)	.035	600	3/8	Red	0.74
16-2340625	.117	.188 (3/16)	.035	600	3/8	Yellow	0.74
16-2340842	.170	.250 (1/4)	.040	450	1/2	Black	1.15
16-2340849	.170	.250 (1/4)	.040	450	1/2	Blue	1.15
16-2340884	.170	.250 (1/4)	.040	450	1/2	Green	1.15
16-2340891	.170	.250 (1/4)	.040	450	1/2	Natural	1.15
16-2340919	.170	.250 (1/4)	.040	450	1/2	Red	1.15
16-2340940	.170	.250 (1/4)	.040	450	1/2	Yellow	1.15
16-2341472	.250 (1/4)	.375 (3/8)	.063 (1/16)	450	1	Black	2.69
16-2341479	.250 (1/4)	.375 (3/8)	.063 (1/16)	450	1	Blue	2.69
16-2341514	.250 (1/4)	.375 (3/8)	.063 (1/16)	450	1	Green	2.69
16-2341521	.250 (1/4)	.375 (3/8)	.063 (1/16)	450	1	Natural	2.69
16-2341549	.250 (1/4)	.375 (3/8)	.063 (1/16)	450	1	Red	2.69
16-2341570	.250 (1/4)	.375 (3/8)	.063 (1/16)	450	1	Yellow	2.69
16-2341787	.375 (3/8)	.500 (1/2)	.063 (1/16)	330	1-1/2	Black	3.88
16-2341794	.375 (3/8)	.500 (1/2)	.063 (1/16)	330	1-1/2	Blue	3.88
16-2341829	.375 (3/8)	.500 (1/2)	.063 (1/16)	330	1-1/2	Green	3.88
16-2341836	.375 (3/8)	.500 (1/2)	.063 (1/16)	330	1-1/2	Natural	3.88
16-2341864	.375 (3/8)	.500 (1/2)	.063 (1/16)	330	1-1/2	Red	3.88

Product Number	ID	OD	Wall	Working PSI (at 70°F)	Bend Radius	Colors	Weight (lbs/100 ft)
16-2341885	.375 (3/8)	.500 (1/2)	.063 (1/16)	330	1-1/2	Yellow	3.88
16-2342102	.500 (1/2)	.625 (5/8)	.063 (1/16)	265	2-1/2	Black	5.06
16-2342151	.500 (1/2)	.625 (5/8)	.063 (1/16)	265	2-1/2	Natural	5.06
16-2342417	.594 (19/32)	.750 (3/4)	.078 (5/64)	300	4	Black	7.36
16-2342466	.594 (19/32)	.750 (3/4)	.078 (5/64)	300	4	Natural	7.36
16-2342732	.813 (13/16)	1.000	.094 (3/32)	230	7	Black	11.74
16-2342781	.813 (13/16)	1.000	.094 (3/32)	230	7	Natural	11.74

Nylon-12 Metric Sizes, Flexible Grade

Product Number	ID	OD	Wall	Working PSI (at 70°F)	Bend Radius	Colors	Weight (lbs/100 ft)
16-2360211	2.5mm	4mm	.75mm	480	8mm	Black	0.53
16-2360225	2.5mm	4mm	.75mm	480	8mm	Blue	0.53
16-2360253	2.5mm	4mm	.75mm	480	8mm	Green	0.53
16-2360267	2.5mm	4mm	.75mm	480	8mm	Natural	0.53
16-2360295	2.5mm	4mm	.75mm	480	8mm	Red	0.53
16-2360309	2.5mm	4mm	.75mm	480	8mm	Yellow	0.53
16-2360841	4mm	6mm	1mm	430	13mm	Black	1.06
16-2360855	4mm	6mm	1mm	430	13mm	Blue	1.06
16-2360883	4mm	6mm	1mm	430	13mm	Green	1.06
16-2360897	4mm	6mm	1mm	430	13mm	Natural	1.06
16-2360925	4mm	6mm	1mm	430	13mm	Red	1.06
16-2360939	4mm	6mm	1mm	430	13mm	Yellow	1.06
16-2361156	6mm	8mm	1mm	315	33mm	Black	1.49
16-2361170	6mm	8mm	1mm	315	33mm	Blue	1.49
16-2361198	6mm	8mm	1mm	315	33mm	Green	1.49
16-2361212	6mm	8mm	1mm	315	33mm	Natural	1.49
16-2361240	6mm	8mm	1mm	315	33mm	Red	1.49
16-2361254	6mm	8mm	1mm	315	33mm	Yellow	1.49
16-2361471	8mm	10mm	1mm	265	50mm	Black	2
16-2361484	8mm	10mm	1mm	265	50mm	Blue	2
16-2361513	8mm	10mm	1mm	265	50mm	Green	2
16-2361527	8mm	10mm	1mm	265	50mm	Natural	2
16-2361555	8mm	10mm	1mm	265	50mm	Red	2
16-2361569	8mm	10mm	1mm	265	50mm	Yellow	2
16-2361786	9mm	12mm	1.5mm	300	45mm	Black	3.32

Product Number	ID	OD	Wall	Working PSI (at 70°F)	Bend Radius	Colors	Weight (lbs/100 ft)
16-2361800	9mm	12mm	1.5mm	300	45mm	Blue	3.32
16-2361828	9mm	12mm	1.5mm	300	45mm	Green	3.32
16-2361842	9mm	12mm	1.5mm	300	45mm	Natural	3.32
16-2361877	9mm	12mm	1.5mm	300	45mm	Red	3.32
16-2361884	9mm	12mm	1.5mm	300	45mm	Yellow	3.32

Hanna Rubber accepts no responsibility for results obtained. Each user of these products, or information, should perform their own tests to determine the suitability of the material. Hanna Rubber does not guarantee that the user will obtain the same results. The data and information are subject to change without notice.