



GP72D-NY12

Nylon 12 Tubing



Product Description

Grayline GP72D-NY12 tubing resists solvents, alkalis, oils, greases, petroleum products, fungi, and molds. It has good resistance to dilute mineral and organic acids, but in-plant tests are suggested. GP72D-NY12 is lightweight with excellent resistance to flexural fatigue, tube vibration, and movement.

Standard Packaging: Coils

Standard Color: Natural & Black

Custom Services: Heat Bonding, Heat-Form & Cut Lengths

Other Colors and Custom Sizes Available Upon Request

Specifications

- EU Directive 2011/65/EU (RoHS2)

Features

- Operating Temperature is -40°C to 100°C
- Low Temperature Flexibility
- Crushing, Abrasion and Cracking Resistant
- Excellent Bend Radii and Pressure Rating
- Black Color is Heat & Light Stabilized
- Lead Free

PROPERTY	TYPICAL VALUE
Durometer Hardness, Shore D	72
Tensile Strength (psi)	7,300
Elongation (%)	300
Brittleness Temperature (°C)	<-40

Standard Sizes

I.D. (Inches)	WALL (Inches)	O.D. (Inches)	Standard Coil Length (FT)	Max. Working PSI at 70°F	Burst PSI at 70°F	Bend Radius (IN.)	Weight (LB/100FT)
0.095	0.015	0.125	100, 500	400	1200	0.375	.25
0.075	0.025	0.125	500	1000	3000	0.250	.35
0.106	0.025	0.156	250	730	2200	0.375	.47
0.086	0.035	0.156	250	1120	3360	0.250	.60
0.137	0.025	0.188	250	530	1600	0.500	.58
0.107	0.040	0.188	250	980	2950	0.375	.84
0.190	0.030	0.250	100, 250	500	1500	1.000	.95
0.150	0.050	0.250	250	1000	3000	0.500	1.39
0.242	0.035	0.313	100	465	1400	1.250	1.35
0.182	0.065	0.313	100	1165	3500	0.875	2.20
0.295	0.040	0.375	100	530	1600	1.500	1.92
0.225	0.075	0.375	100	1180	3550	1.000	3.20

The values listed in this bulletin, to the best of our knowledge, are accurate. They are typical performance results and are not intended to be used as design data. We disclaim all liability in connection with the use of information contained herein or otherwise.