



GP63D-NY12

Flexible Grade - Nylon 12 Tubing



Product Description

Grayline GP63D-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. GP63D-NY12 is lightweight with excellent resistance to flexural fatigue, tube vibration, and movement.

Standard Packaging: Coils

Standard Color: See Standard Size Chart

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
- Lead Free

PROPERTY	TYPICAL VALUE
Durometer Hardness, Shore D	63
Tensile Strength (psi)	7,300
Elongation (%)	300
Brittleness Temperature (°C)	<-40
<i>See Page #2 For Standard Size Chart</i>	

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Standard Sizes - Natural & Black

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)
0.058	0.034	0.125	100, 500	830	2500	0.313	.44
0.117	0.035	0.188	100, 250	600	1800	0.375	.74
0.170	0.040	0.250	100, 250	450	1350	0.500	1.15
0.250	0.063	0.375	100, 500	450	1350	1.000	2.69
0.375	0.063	0.500	100, 500	330	1000	1.500	3.88
0.500	0.063	0.625	100	265	800	2.500	5.06
0.593	0.078	0.750	100	300	900	4.000	7.36
0.813	0.094	1.000	100	230	700	7.000	11.74

Standard Sizes - Red, Yellow, Green, Blue

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)	Standard Colors
0.058	0.034	0.125	100	830	2500	0.313	.44	Red, Green, Blue
0.117	0.035	0.188	100	600	1800	0.375	.74	Red, Yellow, Green, Blue
0.170	0.040	0.250	100	450	1350	0.500	1.15	Red, Yellow, Green, Blue
0.250	0.063	0.375	100	450	1350	1.000	2.69	Red, Yellow, Green, Blue
0.375	0.063	0.500	100	330	1000	1.500	3.88	Red, Yellow, Green, Blue

Metric Sizes Natural, Black, Red, Yellow, Green, Blue

I.D. (MM)	WALL (MM)	O.D. (MM)	Standard Coil Length (FT)	Max. Working PSI at 70°F	Burst PSI at 70°F	Bend Radius (MM)	Weight (LB/100FT)
2.5	.75	4	100	480	1450	8	.53
4	1	6	100	430	1300	13	1.06
6	1	8	100	315	950	33	1.49
8	1	10	100	265	800	50	2.00
9	1.5	12	100	300	900	45	3.32

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