



GP80M-NY66

Nylon 6/6 Tubing



Product Description

Grayline GP80M-NY66 is an unmodified, semi-rigid tubing made from a heat stabilized nylon 6/6 resin. It has a high molecular weight that provides resistance to acids, zinc chloride and similar attacking reagents. Grayline GP80M-NY66 ranks among the toughest of all nylon materials.

*Standard Packaging: Reels or Cut to Customer Specifications.
Standard Color: Natural
Custom Colors and Sizes Available Upon Request*

Specifications

- EU Directive 2000/53/EC (ELV)
- EU Directive 2011/65/EC (RoHS2)

Features

- Continuous Operating Temperature is -85 to 100°C
- Low Temperature Applications
- Abrasion Resistant
- Heat Stabilized

PROPERTY	TYPICAL VALUE (DAM)	TYPICAL VALUE (50% RH)	TEST METHOD
Durometer Hardness, Rockwell M	80	60	ASTM D785
Tensile Strength (psi)	12,500	11,000	ASTM D638
Elongation (%)	90	>300	ASTM D412
Izod Impact, Notched @ 23°C (ft-lb/in)	1.20	2.49	ASTM D256
Izod Impact, Notched @ -40°C (ft-lb/in)	0.59	0.51	ASTM D256
Volume Resistivity (ohm-cm)	10 ¹⁵	10 ¹³	IEC 60093
Electric Strength (V/mil)	770	—	IEC 60243-1
Brittleness Temperature (°C)	-100	-85	ASTM D746
Oxygen Index (%)	28	—	ISO 4589-2

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