



GP50D-PO

General Purpose Polyolefin



Product Description

Grayline GP50D-PO is a cross-linked polyolefin sleeving designed for general purpose applications. It can be used for electrical or physical protection in a variety of commercial or industrial applications. GP50D-PO has a wide operating temperature range and is halogen-free.

*Standard Packaging: Reels or Cut to Customer Specifications.
Standard Color: Black, Clear
Custom Colors & Sizes Available Upon Request*

Specifications

- EU Directive 2000/53/EC (ELV)
- EU Directive 2011/65/EC (RoHS2)
- EU Directive 2015/863 (RoHS3)
- FMVSS302

Features

- Operating Temperature is -55° to 125°C
- Fluid Resistant
- Lead Free
- Halogen Free

PROPERTY	TYPICAL VALUE	TEST METHOD
Tensile Strength (psi)	2,400	ASTM D412
Elongation (%)	350	ASTM D412
Heat Aging (% Retained Tensile & Elongation) 168 hours at 150°C 1000 hours at 135°C	>90 >90	ASTM D412
Fluid Resistance, 24 hours at 24°C (% Retained Tensile & Elongation) IRM 903 Oil JP-8 Jet Fuel Methanol (15%)	>80 >70 >80	SAE-AMS-DTL-23053
Heat Shock, 4 hours at 225°C	Pass	SAE-AMS-DTL-23053

Standard Sizes

Inside Diameter (Inches)	Inside Diameter (mm)	Wall Thickness (Inches)	Wall Thickness (mm)
0.079	2	0.016	0.40
0.118	3	0.020	0.50
0.157	4	0.020	0.50
0.197	5	0.020	0.50
0.236	6	0.020	0.50
0.276	7	0.020	0.50
0.315	8	0.020	0.50
0.394	10	0.028	0.70
0.472	12	0.028	0.70
0.551	14	0.031	0.80

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