



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)
- 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

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.