



GP90-TPV

General Purpose TPV Tubing



Product Description

Grayline GP90-TPV tubing is made from a flexible, polyolefin based, thermoplastic rubber material. It combines good physical properties with excellent chemical & thermal resistance for use in a wide range of applications.

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

Specifications

- FMVSS 302
- EU Directive 2000/53/EC(ELV)
- EU Directive 2011/65/EC (RoHS2)
- EU Directive 2015/863 (RoHS3)

Features

- Maximum Continuous Operating Temperature is 135°C
- Excellent Abrasion Resistance
- Excellent Chemical Resistance
- Outstanding Flex Fatigue Endurance
- Lead Free

PROPERTY	TYPICAL VALUE	TEST METHOD
Durometer Hardness, Shore A (15 Seconds)	86	ISO 868
Tensile Strength (psi)	2,000	ASTM D412
Elongation @ Break (%)	380	ASTM D412
Heat Aging, 7 Days @ 150°C % of Original Tensile Strength % of Original Elongation	92 83	ASTM D573
Heat Aging, 1000 Hours @ 135°C % of Original Tensile Strength % of Original Elongation	89 84	ASTM D573
Volume Swell (%) (70 hrs @125°C in IRM 903 Oil)	54	ISO 1817
Tear Strength (kN/m) Cross direction (Unnicked angle)	71	ISO 815
Compression Set (%) 22 hrs @23°C 22 hrs @70°C 70 hrs @125°C	36 48 72	ISO 815

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.