

GP50D-TPU

Polyurethane Tubing



Product Description

Grayline GP50D-TPU is an aromatic, high strength, durable and tough polyether-based polyurethane tubing. It has excellent physical properties and provides superior low temperature flexibility, high transparency, UV resistance, and low tack.

The U.S. Food and Drug Administration sanctions all ingredients in this product for use in food contact applications (FDA Title 21), allowing this material to be used in applications requiring Food and Beverage grade tubing.

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

Specifications

- EU Directive 2000/53/EC (ELV)
- EU Directive 2011/65/EC (RoHS2)
- EU Directive 2015/863 (RoHS3)
- FMVSS 302
- FDA CFR Title 21 (Material Only)

Features

- Operating Temperature is -30° to 85°C
- Abrasion Resistant
- High Strength
- Low Temperature Flexibility
- Lead Free
- UV Resistant

PROPERTY	TYPICAL VALUE	TEST METHOD
Durometer Hardness, Shore D (5 Seconds)	50	ASTM D2240
Tensile Strength (psi)	8,700	ASTM D412
Elongation (%)	420	ASTM D412
Specific Gravity	1.16	ASTM D792
Taber Abrasion (loss in mg) 1000g wt, H-18 wheel, 1,000 Cycles	81	ASTM D3489
Tear Strength (lb./in)	810	ASTM D624 (die C)

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