



FB85-TPU

Food & Beverage Polyurethane Tubing



Product Description

Grayline FB85-TPU is a high strength, durable and tough polyether-based polyurethane tubing. It has excellent physical properties and provides superior fatigue resistance, abrasion resistance, and resistance to kinking. The U.S. Food and Drug Administration sanctions all ingredients in this product for use in food contact applications (FDA Title 21).

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

Specifications

- FDA Title 21 (Material Only)
- NSF 61 (Material Only)
- EU Directive 2000/53/EC (ELV)
- EU Directive 2011/65/EC (RoHS2)
- EU Directive 2015/863 (RoHS3)

Features

- Operating Temperature is -68° to 80°C
- Abrasion Resistant
- Excellent Toughness
- High Strength
- Low Temperature Flexibility
- Lead Free

PROPERTY	TYPICAL VALUE	TEST METHOD
Durometer Hardness, Shore A (15 Seconds)	86	ASTM D2240
Tensile Strength (psi)	5,000	ASTM D412
Elongation (%)	400	ASTM D412
Specific Gravity	1.14	ASTM D792
Taber Abrasion (loss in mg) 1,000-g wt, 1,000 Cycles, H-18 wheel	30	ASTM D1044

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.