



MD75-TPE

Medical Grade TPE Tubing



Product Description

Grayline MD75-TPE is a clear flexible tubing made from a high purity grade TPE compound. Unlike most TPE materials, MD75-TPE offers a high level of clarity, kink resistance, clamp resilience, and performance characteristics that are similar to PVC. This material does not contain DEHP or any phthalate plasticizers and can be used in a wide variety of medical applications. It can also withstand Gamma, EtO (Ethylene Oxide) and autoclave sterilization methods.

Standard Packaging: Reels or Cut to Customer Specifications.

Standard Color: Clear

Custom Colors and Sizes Available Upon Request

Specifications

- CPSIA Compliant (Consumer Product Safety and Improvement Act)
- ISO 10993-5 (Material Only)
- FDA CFR Title 21 (Material Only)
- EU Directive 2000/53/EC (ELV)
- EU Directive 2011/65/EC (RoHS2)

Features

- Made from Teknor Apex's Medalist® Brand Medical Elastomers
- Operating Temperature is -55° to 95°C
- Low Temperature Flexibility
- DEHP, Phthalate, & BPA-Free
- Lead-Free

PROPERTY	TYPICAL VALUE	TEST METHOD
Durometer Hardness, Shore A (15 Seconds)	75	ASTM D2240
Tensile Strength (psi)	1,900	ASTM D412
Elongation (%)	722	ASTM D412
Specific Gravity	0.89	ASTM D792

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.

All Grayline products meet the specifications listed. Grayline medical tubing products are sold upon condition that purchasers shall make their own assessment of suitability of specific tubing products for their particular application or use. Purchasers assume all risks and liability for the use of these products, including use in accordance with the seller's recommendations. Grayline tubing is not intended for use as an implant material.