



MD80-RO-PVC

Radio-Opaque Medical Grade PVC Tubing



Product Description

Grayline MD80-RO-PVC is a specialty material made from our non-DEHP, MD80-GS-PVC, which has been tested and certified to USP Class VI and can withstand gamma radiation, EtO (Ethylene Oxide) and autoclave sterilization methods.

This material contains an FDA-grade, radio-opaque pigment which obstructs the passage of radiant energy and allows the material to be detected on x-ray photographs.

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

Specifications

- USP Class VI (Base Material Only)
- FDA CFR Title 21 (Material Only)
- EU Directive 2000/53/EC(ELV)
- EU Directive 2011/65/EU (RoHS2)
- EU Directive 2015/863 (RoHS3)

Features

- Operating Temperature is -50° to 60°C
- Radio-Opaque
- Stabilized for Gamma Sterilization
- Low Temperature Flexibility
- Non-DEHP Plasticizer
- Lead Free

PROPERTY	TYPICAL VALUE	TEST METHOD
Durometer Hardness, Shore A (15 Seconds)	80	ASTM D2240
Tensile Strength (psi)	2,700	ASTM D412
Elongation (%)	350	ASTM D412
Specific Gravity	1.23	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.