



MD80-NP-PVC

Non-Phthalate Medical Grade PVC Tubing



Product Description

Grayline MD80-NP-PVC is a clear flexible tubing made from a high purity grade vinyl compound. This tubing contains less than 1000 ppm (0.1%) total phthalate content and complies with the Consumer Product Safety and Improvement Act (CPSIA) of 2008. It can be used in a wide variety of medical applications and can withstand 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)
- 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 -45° to 50°C
- Non-Phthalate (<1,000 ppm)
- Non-DEHP (<1,000 ppm)
- BPA-FREE
- Low Temperature Flexibility
- Lead-Free

Note: 1,000 ppm = 1,000 parts per million = 0.1%

PROPERTY	TYPICAL VALUE	TEST METHOD
Durometer Hardness, Shore A (15 Seconds)	80	ASTM D2240
Tensile Strength (psi)	2,300	ASTM D412
Elongation (%)	275	ASTM D412
Specific Gravity	1.21	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.