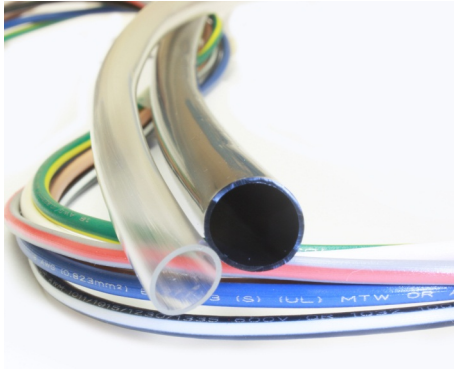




7444

Very Low Temperature PVC Tubing



Product Description

Grayline 7444 is a flexible polyvinyl chloride tubing designed to remain flexible in very low temperature environments.

This tubing finds uses typically in aircraft and aeronautical devices, but because it is a high quality tubing, it is suitable for any commercial applications which encounter very low temperatures.

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

Specifications

- SAE-AMS-I-7444-A
- MIL-I-7444-D: Type I (clear only), Type III, Class I & II
- EU Directive 2000/53/EC (ELV)
- EU Directive 2011/65/EU (RoHS2)
- EU Directive 2015/863 (RoHS3)

Features

- Operating Temperature is -68°C to 60°C
- Extreme Low Temperature Flexibility
- Highly Flame Retardant
- Fungus Resistant
- Lead-Free

PROPERTY	TYPICAL VALUE	TEST METHOD
Durometer Hardness, Shore A (15 Seconds)	71	ASTM D2240
Tensile Strength (psi)	2,100	ASTM D412
Elongation (%)	400	ASTM D412
Specific Gravity	1.18	ASTM D297
Brittleness Temperature, Pass °C	-68	ASTM D746
Flame Resistance (Average Burn Time, Sec.)	4	SAE-AMS-I-7444-A
Dielectric Strength (Volts/Mil)	500	ASTM D149
Heat Aging (as a percent of un-aged specimen) Tensile Strength (%) Elongation (%)	100 95	SAE-AMS-I-7444-A

Note: MIL-I-7444-D was replaced by SAE-AMS-I-7444

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.