



# 631

## Mil-Spec PVC Tubing



### Product Description

Grayline 631 is an excellent general purpose flexible polyvinyl chloride tubing designed to meet the requirements of MIL-I-631, grades A & B.

This tubing is typically used in appliances, automobiles, military wiring harnesses, airborne equipment, and any application where a wide thermal range is required.

*Standard Packaging: Reels or Cut to Customer Specifications.*

*Standard Color: Clear, Black*

*Custom Sizes & Colors Available Upon Request*

### Specifications

- MIL-I-631, Type F, Form U, Grade A & B, Class I & II, Category I.
- Yazaki YPES-11-03-012
- EU Directive 2000/53/EC (ELV)
- EU Directive 2011/65/EU (RoHS2)
- FMVSS302

### Features

- Operating Temperature is -50°C to 80°C
- Extreme Low Temperature Flexibility
- Flame Retardant
- Fungus Resistant
- Lead-Free
- UV Resistant
- High Gloss Finish

PROPERTY	TYPICAL VALUE	TEST METHOD
Durometer Hardness, Shore A (15 Seconds)	82	ASTM D2240
Tensile Strength (psi)	2,700	ASTM D412
Elongation (%)	400	ASTM D412
Flammability (Sec.)	6	MIL-I-631, Category I
Specific Gravity (±.02)	1.23	ASTM D792
Brittleness Temperature, Pass °C	-46	ASTM D746
Oxygen Index	26.5	ASTM D2863

*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.*