



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

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