

# IRRAX<sup>®</sup> TUBE B

## IRRADIATED CROSSLINKED FLEXIBLE POLYOLEFIN TUBING, FLAME RETARDED



RoHS/RoHS Compliant



Lead-Free

### TYPICAL FEATURES

- 1) Irrax<sup>®</sup> Tube B is irradiated, cross-linked, thermally stabilized, flexible, flame-retardant, polyolefin tubing.
- 2) Operating temperature range is -45<sup>o</sup> C to +120<sup>o</sup> C.
- 3) Irrax<sup>®</sup> Tube B is recommended for general mechanical protection and electric insulation for automotive harness assemblies. For higher temperature resistance material, please see Irrax<sup>®</sup> Tube ER2.

### STANDARD SIZES

SIZE	INSIDE DIAMETER (MM)	WALL THICKNESS (MM)	Length (M)
0.7x0.35	0.70 +/- 0.10	0.35 +/-0.05	1,000 min
1 x 0.35	1.00 +/- 0.1	0.35 +/- 0.05	500 min
1.5 x 0.35	1.50 +/- 0.10	0.35 +/- 0.05	400 min
2 x 0.35	2.00 +/- 0.20	0.35 +/- 0.05	200 min
3 x 0.35	3.00 +/- 0.20	0.35 +/- 0.05	400 min
4 x 0.35	4.00 +/- 0.30	0.35 +/- 0.05	400 min
5 x 0.35	5.00 +/- 0.30	0.35 +/- 0.05	200 min
6 x 0.35	6.0 +/- 0.5	0.35 +/-0.05	200 min
8 x 0.4	8.0 +/- 0.5	0.40 +/-0.05	100 min
10 x 0.4	10.0+/- 0.5	0.40 +/-0.05	100 min
12 x 0.4	12.0+/- 0.5	0.40 +/-0.05	100 min
14 x 0.5	14.0+/- 0.5	0.50 +/-0.05	100 min

**Standard Colors:** Black

**Standard Package:** Spool (for unit length, see the above table)

**How to Order:** (Type of material) (Size) (Color) (Packaging)

**Example:** Irrax Tube B 10x0.4 Black 100m Spool

# IRRAX<sup>®</sup> TUBE B SPECIFICATION VALUES

PROPERTY (UNITS)	TEST METHOD	REQUIREMENT
<b>Physical:</b> Tensile strength (psi) Elongation (%)	ASTM D 638 ASTM D 638	1200 min. 200 min.
<b>Electrical:</b> Dielectric withstand voltage (2.5 kV, 1 min.) Volume resistivity (ohm-cm)	UL 224 ASTM D 876	no breakdown 1.0 X 10 <sup>14</sup> MIN.
<b>Chemical:</b> Water absorption (23C, 24hrs), % Flammability	ASTM D 570 FMVSS 302	0.30 max pass


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