

# IRRAX SLEEVE SCH(6X)

## VERY HIGH EXPANSION RATIO POLYOLEFIN WITH SEALANT



**RoHS Compliant**



**Lead-Free**



**Halogen-Free**

### TYPICAL FEATURES

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|---|---|
| <p>1) IRRAX SLEEVE SCH(6X) is a medium to heavy wall, heat-shrinkable polyolefin tubing with large expansion ratios and an inner liner of hot melt adhesive.</p> <p>2) IRRAX SLEEVE SCH(6X) is <i>not</i> flame retarded.</p> <p>3) Shrink temperature is 121° C.</p> | <p>4) IRRAX SLEEVE SCH(6X) provides good electrical insulation and, at the same time, resists abrasion and corrosion. The material is tough and provides good mechanical support and strain relief.</p> <p>5) Operating temperature range is -55° C to +90° C</p> <p>6) Typical applications include those requiring a high expansion ratio, such as the transition between the back of a connector to a much smaller diameter cable. It is also well suited for repair applications and covering irregularly shaped objects.</p> |
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### STANDARD SIZES

SIZE	INSIDE DIAMETER AS SUPPLIED (MING)		INSIDE DIAMETER AFTER FULL RECOVERY (MAX)		WALL THICKNESS AFTER FULL RECOVERY (NOM)	
	INCH	(MM)	INCH	(MM)	INCH	(MM)
	5/8"	0.602	15.3	0.150	3.8	0.060
2"	2.000	50.8	0.374	9.5	0.106	2.70
2 1/2"	2.500	63.5	0.500	12.7	0.120	3.05
3"	3.000	76.2	0.748	19.0	0.140	3.56
4"	4.000	101.6	0.898	22.8	0.155	3.94

**Standard Colors:** Black

**Standard Package:** 6" long cut pieces ± 1/4" (152.5 ± 6.5 mm)

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

**Example:** SCH(6X) 2" Black 6 IN.

## IRRAX SLEEVE SCH(6X) Specification Values

PROPERTY (UNITS)	TEST METHOD	REQUIREMENT
<b>Physical:</b> Tensile strength (psi) Elongation (%) Longitudinal change (%)	ASTM D 638 ASTM D 638 ASTM D 2671	1,200 min. 200 min. -10 min.
<b>Electrical:</b> Dielectric strength (volts/mil) Volume resistivity (ohm-cm) Dielectric constant	IEC 243 ASTM D 876 IEC 250	200 MIN. 1.0 X 10 <sup>13</sup> MIN. 3.1 nom.
<b>Chemical:</b> Water absorption (%) Shrink temperature, nominal Fungus resistance Color stability  Fluid resistance, 24 hrs. @ 23° C MIL-A-8243 MIL-H-5606 MIL-T-5624 MIL-L-7808 MIL-L-23699 5% NaCl solution  Followed by: Tensile strength, psi Elongation, %	ASTM D 570 ----- ASTM G 21 AMS-DTL-23053/15  AMS-DTL-23053	0.5 max. 121° C No growth Pass         750 psi 100 min.



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