IRRAX SLEEVE SCH(6X)

VERY HIGH EXPANSION RATIO POLYOLEFIN WITH SEALANT

RoHS Compliant





Halogen-Free

TYPICAL FEATURES

- 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.
- 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.
- 2) IRRAX SLEEVE SCH(6X) is not flame retarded.
- 5) Operating temperature range is -55° C to +90° C

3) Shrink temperature is 121° C.

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.

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	1.52	
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 $\pm \frac{1}{4}$ " (152.5 \pm 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
Physical: Tensile strength (psi) Elongation (%) Longitudinal change (%)	ASTM D 638 ASTM D 638 ASTM D 2671	1,200 min. 200 min. -10 min.
Electrical: Dielectric strength (volts/mil) Volume resistivity (ohm-cm) Dielectric constant	IEC 243 ASTM D 876 IEC 250	200 MIN. 1.0 X 10 ¹⁸ MIN. 3.1 nom.
Chemical: 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	ASTM D 570 ASTM G 21 AMS-DTL-23053/15 AMS-DTL-23053	0.5 max. 121° C No growth Pass
Followed by: Tensile strength, psi Elongation, %		750 psi 100 min.



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