

Part # SCM

Dual Wall with Adhesive
3 to 1 Ratio
Medium Wall



	Specification Reference
UL	○
VW-1	○
CSA	○
MIL Spec	○

Replaces
 No Equivalent Available

Description	SCM is a medium wall, flame retardant, heat shrinkable polyolefin tubing with large expansion ratios and an inner liner of hot melt adhesive.
Uses	Typical applications include covering of splices and electrical terminations. SCM sleeves provide seals with a variety of synthetic sheath materials and most metals, including lead, aluminum and steel. The material is tough and provides good mechanical support and strain relief.
Operating Temp	-40°C, to +110°C
Shrink Temp	110°C
Standard Put-up	Bag - 4 foot lengths, packaged in plastic bags.
Marking	Irrax sleeve (Size)

	Property (units)	Test Method	Requirements
Physical	Tensile Strength (psi)	ASTM D638	1500 MIN.
	Elongation (%)	ASTM D638	350 MIN.
	Low temp. flex (-40°C)	ASTM D2671	No Cracking
	Heat shock (200°C, 4 Hrs.)	ASTM D2671	
	Heat resistance (150°C, 168 Hrs.)	ASTM D2671	No Cracking
	Tensile Strength (psi)		80% of Orig. Min.
	Elongation (%)		85% of Orig. Min.
	Longitudinal change (%)	AMS-DTL-23053	0, -10
Electrical	Dielectric strength (volts/mil)	ASTM D876	350 MIN.
	Volume resistivity (ohm-cm)	ASTM D876	1.0 x 10 ¹³ MIN
Chemical	Water absorption (%)	ASTM D570	0.5 MAX.
	Shrink Temperature (nominal)		110°C

