

Marking

Irrax sleeve (Size)

Dual Wall with Adhesive 3 to 1 Ratio Medium Wall



	Specification Reference Replaces
UL VW-1	O No Equivalent Available
CSA	
MIL Spec	
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.

	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 <sup>13</sup> MIN
Chemical	Water absorption (%)	ASTM D570	0.5 MAX.
	Shrink Temperature (nominal)		110°C



## Wholesale Pricing on Full Spools/Bags

SCM Part #

Inside Diameter Before Shrinking (minimum)		Inside Diameter After Shrinking (maximum)	Post Shrink Wall Thickness	Full Spool Length	Price:				С	color	Sel	ectio	on			
mm	inches	mm (inches)	mm (inches)	in feet	per bag per foot	BK black	BR brown	RD red	OR orange	YL yellow	GN green	BL blue	VI violet	GY <sup>gray</sup>	WH white	CL clear
10.2		3.800 (0.150)	1.5000 (0.059)	40	\$121.04 \$3.56											X
19	 0.748	5.600 (0.220)	2.000 (0.079)	40	\$120.70 \$3.55											X
28	_ 1.102	9.500 (0.374)	2.000 (0.079)	40	\$173.40 \$5.10											X
33	 1.299	10.200 (0.402)	2.000 (0.079)	40	\$193.46 \$5.69											X
38.1	 1.500	12.700 (0.500)	2.3 (0.091)	40	\$264.52 \$7.78											X
44	 1.732	14.000 (0.551)	2.3 (0.091)	40	\$305.66 \$8.99											X
52.1	 2.051	18.200 (0.717)	2.3 (0.091)	20	\$190.06 \$11.18											X
70	 2.756	25.500 (1.004)	2.3 (0.091)	20	\$256.19 \$15.07											X

**NOTE:** Some types of heat shrink, for instance semi-rigid and dual wall types are manufactured in 4 foot lengths. The rigid and semi-rigid ones do not bend without kinking, the adhesives in dual walls tend to stick or block shut when spooled.

4 foot lengths, packaged in plastic bags.



The above lead time guidelines are estimated only. They may be longer (not usually) or they may be shorter (typically). Regarding products with 100 & 200 day lead time; pricing may vary, and a minimum order with deposit may be required. Oh... and by the way, everything can change without notice and/or liability.