





CRLS

A superior wraparound insulation product that easily installs in repair and splice applications providing excellent insulation and protection for cable jackets

Features

- Shut down of system not required for repair
- High shrink ratio covers even irregular shapes
- Better split resistance than competitive products
- Simple RAIL-LESS® installation with clamshell design
- Thermoplastic Adhesive Liner provides complete environmental protection and insulation
- Meets ICEA and NEMA insulation thickness specifications
- Continuous operating temperature: -55°C to 110°C
- Shrink temperature: 120°C
 RAIL-LESS is a registered trademark of Shaw Industries





Technical Data

Physical

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Property	Test Method	Typical Performance
Tensile Strength	ASTM D638	2700 psi (19 MPa)
Ultimate Elongation	ASTM D638	600%
Heat Shock (4hrs at 225°C)	ASTM D2671	No cracking or flowing
Air Oven Ageing (7 days at 150°C)	ASTM D2671	
Tensile Strength Elongation	ASTM D638 ASTM D638	2100 psi (14.5 MPa) 540%
Specific Gravity	ASTM D792	0.94
Hardness (Shore D)	ASTM D2240	50 D
Electrical		
Dielectric Strength	ASTM D2671	700 V/Mil (28 kV/mm)
Volume Resistivity	ASTMD257	1.9 x 10 ¹⁸ ohm-cm
Dielectric Constant (1KHZ)	ASTM D150	4.05
Chemical		
Fluid Resistance	MIL-DTL-23053/15	Good to Excellent
Hydraulic Fluid (MIL H5606C) Tensile Strength Elongation	MIL-DTL-23053/15 ASTM D638, ISO 37 ASTM D638, ISO 37	2500 psi (17MPa) 600%
Lubricating Oil (MIL L7808G) Tensile Strength Elongation	MIL-DTL-23053/15 ASTM D638, ISO 37 ASTM D638, ISO 37	2400 psi (16MPa) 600%
Diesel Fuel Tensile Strength Elongation	MIL-DTL-23053/15 ASTM D638, ISO 37 ASTM D638, ISO 37	2100psi (14.5MPa) 600%
Corrosivity	ASTM D2671	Non-Corrosive
Water Absorption	ASTM D570	<0.1%
Fungus Resistance	ASTM G21	No Growth

CANUSA-EMI

There's no end to what we cover

CANUSA-EMI is a global company providing electrical and mechanical insulation solutions for a variety of industries and applications. Starting from products created by extensive developmental research at Shaw Industries (incorporated 1955), CANUSA-EMI is a recognized world leader in the provisioning of high quality heat shrink products.

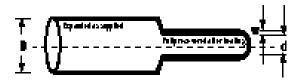
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Dimensions

		EXPANDED RECOVERED		VERED				
ORDER REF. NO.	STANDARD WIDTHS		rnal Er (Min)	INTE DIAMETE		WALLTHI (NO		600/1000V SINGLE CONDUCTOR SIZE
Х	AA (BB) CMS (INCHES)	mm	D IN	mm	i IN	mm	V IN	
1	15, 20, 30, 60, 90 (6, 8, 12, 24, 36)	30	1.2	6	0.24	2	8.0	#8-3/0
2	20, 30, 60, 90 (8, 12, 24, 36)	46	1.8	14	0.6	2	8.0	2/0-400
3	20, 30, 60, 90 (8, 12, 24, 36)	68	2.7	24	0.95	2	8.0	400-1000
4	20, 30, 60, 90 (8, 12, 24, 36)	91	3.6	33	1.3	2	8.0	1000-2000
5	20, 30, 60, 90 (8, 12, 24, 36)	126	4.95	47	1.65	2	8.0	Multiple Conductor
6	20, 30, 60, 90 (8, 12, 24, 36)	171	6.75	67	2.5	2	8.0	Multiple Conductor



Ordering

Refer to table to select the size which will shrink snugly and allow for a minimum of 76 mm (3") length overlap on each end of the area to be covered.

To Order in Metric Units:

To Order in Imperial Units: Order Ref. No. Standard Wi

CRLS - X - CC - BB - I

Standard Colors (CC)

Order Code	Color
BK	BLACK

Standards: Meets insulation thickness specifications of ICEA and NEMA Note: Non-standard sizes and lengths available subject to factory quotation.