



ELECTRICAL  
MECHANICAL  
INSULATION

**CANUSA**  
EMI



Anode Splice  
Encapsulation Kit

**CASE**



# CASE

A complete protection and sealing solution  
for anode cable, inline Y or parallel splices

## Features

- CRLS RAIL-LESS® Sleeve means non-labor intensive installation
- Complete environmental protection and insulation
- Less inventory requirements as one kit covers a wide range of cable diameters
- Continuous operating temperature: -55° to 110°C
- Shrink temperature: 120°C

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## Technical Data

### Physical

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 x 150°C)	ASTM D2671	
Tensile Strength	ASTM D638	2100 psi (14.5 MPa)
Elongation	ASTM D638	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	ASTM D2671	1.9x10 <sup>18</sup> ohm-cm
Dielectric Strength (1KHZ)	ASTM D150	4.05

### Chemical

Fluid Resistance	MIL-DTL-23053/15	Good to Excellent
Hydraulic Fluid (MIL H5606C)	MIL-DTL-23053/15	
Tensile Strength	ASTM D638, ISO 37	2500 psi (17MPa)
Elongation	ASTM D638, ISO 37	600%
Lubricating Oil (MIL L7808G)	MIL-DTL-23053/15	
Tensile Strength	ASTM D638, ISO 37	2400 psi (16MPa)
Elongation	ASTM D638, ISO 37	600%
Diesel Fuel	MIL-DTL-23053/15	
Tensile Strength	ASTM D638, ISO 37	2100psi (14.5MPa)
Elongation	ASTM D638, ISO 37	600%
Corrosivity (16 hrs. at 175°C)	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

ORDER REF. NO.	CONDUCTOR SIZE (AWG/MCM)		MAX HEIGHT	RECOVERED WALL THICKNESS (NOM)		STANDARD WIDTHS
	MAIN	TAP		mm	IN	
<b>CASE-X-Y</b>	AWG	AWG	IN	mm	IN	AA - cm BB - IN
CASE-1-6	#6 - #2	#14 - #2	1.0	2	0.08	15, 20, 30, 60, 90 (6, 8, 12, 24, 36)
CASE-1-8	#6 - #2	#14 - #2	1.0	2	0.08	15, 20, 30, 60, 90 (6, 8, 12, 24, 36)
CASE-2-6	#6 - #2	#14 - #2	1.5	2	0.08	15, 20, 30, 60, 90 (6, 8, 12, 24, 36)
CASE-2-8	#6 - #2	#14 - #2	1.5	2	0.08	15, 20, 30, 60, 90 (6, 8, 12, 24, 36)

Note: 1) CASE encapsulation kits are supplied with tape sealant, cloth protective tape, and 2 ea.-nylon ties for holding conductors together during sleeve application.

2) CRLS sleeves are included in kit. CRLS part numbers are provided in appropriate widths to match CASE part number, cable size, split bolt, and cable jacket ring cut opening. Different "Y" dimensions are included to accommodate larger sizes of U-Bolts. Contact the factory if custom widths/lengths are required for your application.

## Ordering

Select the appropriate CASE Anode Splice Encapsulation Kit number based on your cable conductor size, splice length, and maximum split bolt/compression connector height. Check the cable dimensions and splice connector height to be sure they conform to the selected kit size.

### To Order in Metric Units:

Order Ref. No.  
**CASE - X-Y - AA - M**  
Standard Width

### To Order in Imperial Units:

Order Ref. No.  
**CASE - X-Y - BB - I**  
Standard Width

### Standard Colors (CC)

Order Code	Color
BK	BLACK

Note: Custom sized kits are available upon request.