

## CRSM

*Cable repair or re-jacketing*

CRSM sleeves close easily with a permanent locking system that consists of a raised rail profile and a stainless steel channel.

CRSM sleeves are made from crosslinked polyolefin, which equals or exceeds the material properties of the original cable jacket. CRSM sleeves fit a wide range of cable sizes and have unlimited shelf life.

Qualified to ANSI C119.1-1986, rated to ICEA electrical withstand test for 1000 volts, and RUS accepted for use as jacket restoration materials on JCN cable.

For use on standard poly- or elastomeric-insulated/jacketed cables or lead-jacketed cables, which may include aluminum or steel armoring.

Use as insulation for 1/C low-voltage power cable up to 1000 volts, and for jacket repair up to 35 kV or for general sealing applications.



### Selection information (dimensions in inches/millimeters)

Catalog number	Sleeve length	Primary electrical repair (1000 V) Cable and jacket repair		General sealing use range (0–35 kV) (min.–max.)	Standard package
		Conductor size use range (AWG/kcmil)	(min.–max.)		
CRSM 34/10-200	8 (200)	#8 – 2/0	0.25 – 0.60 (6 – 15)	0.25 – 1.20 (6 – 30)	3
CRSM 34/10-1200	48 (1219)	#8 – 2/0	0.25 – 0.60 (6 – 15)	0.25 – 1.20 (6 – 30)	5
CRSM 53/13-200	8 (200)	3/0 – 400	0.60 – 0.95 (15 – 24)	0.60 – 1.80 (15 – 46)	10
CRSM 53/13-1200	48 (1219)	3/0 – 400	0.60 – 0.95 (15 – 24)	0.60 – 1.80 (15 – 46)	5
CRSM 84/20-750	30 (750)	500 – 1000	0.95 – 1.40 (24 – 36)	0.95 – 2.70 (24 – 69)	10
CRSM 84/20-1200	48 (1219)	500 – 1000	0.95 – 1.40 (24 – 36)	0.95 – 2.70 (24 – 69)	5
CRSM 107/29-1000	40 (1000)	1000 – 2000	1.30 – 2.00 (33 – 51)	1.30 – 3.60 (33 – 91)	10
CRSM 107/29-1200	48 (1219)	1000 – 2000	1.30 – 2.00 (33 – 51)	1.30 – 3.60 (33 – 91)	5
CRSM 143/36-1200	48 (1219)			1.65 – 4.95 (42 – 126)	5
CRSM 198/55-1200	48 (1219)			2.50 – 6.50 (64 – 165)	5

### Ordering information

- Select the appropriate catalog number for either primary electrical repair (1000 volts max.) or general sealing applications. Electrical repair selections are based on typical dimensions for low-voltage insulated cable. Confirm selection with cable dimensions to assure proper sizing.
- Use the “**Primary electrical repair**” columns for electrical repair applications (when CRSM is in direct contact with the conductor).
- Use the “**General sealing and jacket repair use range**” column for general re-jacketing or sealing applications (when CRSM is not in direct contact with the conductor).
- Package does not contain connectors.
- Kits include a wraparound sleeve and stainless steel channel closure. Both can be field-cut for shorter requirements (see “Reference dimensions” below).
- CRSM 34/10 and 84/20 are available in shorter standard lengths by ordering the corresponding CRSM-CT kits from page 36. (The use ranges in the selection information table still apply.)
- For testing information, please refer to page 20.
- Related test report: [EDR-5124](#), [EDR-5192](#).

Related installation instructions  
[CRSM](#)



*Cut sleeve length = Damage length + total seal length*

Damage	Total seal length
<3 (<76)	3 (76)
3 – 12 (76–305)	4 (102)
12 – 24 (305–610)	6 (152)
>24 (>610)	8 (203)