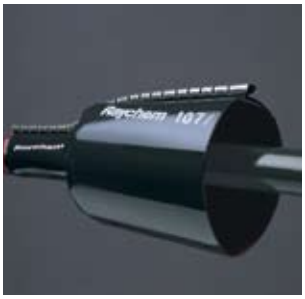
Low Voltage In-Line Splices



CRSM Sleeves

Heat-shrink Wraparound Sleeve (1000 V)

CRSM sleeves close easily with a permanent locking system that consist of a raised rail profile and a stainless steel channel. These 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, when stored under normal conditions.

- Qualified to ANSI C119.1-1986, rated to ICEA electrical withstand test for 1000V.
- 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 fro 1/C low-voltage power cable up to 1000V and for jacket repair up to 35kV or for general sealing applications. All CRSM sleeves are sealant-coated.

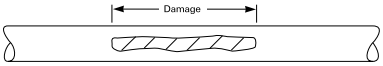
Selection Information: dimensions in inches (millimeters)

Catalog Number	Sleeve Length	Primary Electrical Repair (1000 V) Cable and Jacket Repair Conductor Size (AWG/kcmil)	Use Range (Min.–Max.)	General Sealing Use Range (0–35 kV) (Min.–Max.)	Std. Pack
CRSM 34/10-200	08 (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	08 (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

1. 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.
2. Use the “Primary electrical repair” columns for electrical repair applications (when CRSM is in direct contact with the conductor).
3. Use the ”General sealing and jacket repair use range” column for general rejacketing or sealing applications (when CRSM is not in direct contact with the conductor).
4. Package does not contain connectors.
5. Kits include a wraparound sleeve and stainless steel channel closure. Both can be field-cut for shorter requirements (see “Reference dimensions” below).
6. Related test report: EDR-5124, EDR-5192
7. UV resistant test report: EDR-5361
8. CRSM 34/20 are available in shorter standard lengths by ordering the corresponding CRSM-CT kits. (The use ranges in the selection information table still apply).

For connector information refer to the Connectors and Terminals section of this catalog.



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)