# CRSM

*Cable repair or rejacketing*


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.



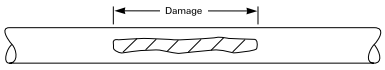
## Selection information (dimensions in inches/millimeters)

| Catalog number | Sleeve length | Primary electrical repair (1000 V) Cable and jacket repair Conductor size use range (AWG/kcmil) | (min.–max.) | General sealing use range (0–35 kV) (min.–max.) | Standard package |
|---|---|---|---|---|---|
| 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

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. CRSM 34/10 and 84/20 are available in shorter standard lengths by ordering the corresponding CRSM-CT kits from page 38. (The use ranges in the selection information table still apply.)
7. For testing information, please refer to page 20.
8. 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) |