



HEAT SHRINK WRAPAROUND SLEEVES CRSM FOR CABLE REPAIR AND JOINT OUTER REJACKETING

KEY FEATURES

- High electrical characteristics to achieve requirements for low voltage applications
- Medium wall, Cross-linked polyolefin. UV stabilized and not reinforced
- Halogen-free material content, non-corrosive and non-toxic smoke in event of fire & free of lead and aluminium
- Available inline coated with hot melt adhesive or uncoated
- Wraparound sleeves are used for repair of damaged cable jackets insulation and for rejacketing of low voltage joints
- Color black, >3 : 1 shrink ratio
- Unlimited shelf-life

TE Connectivity's (TE) Raychem CRSM heat shrink wraparounds are a fast and reliable permanent cable repair and sealing system. The cable repair sleeves are quickly fitted in place by means of the rail and channel closure. A moisture-proof, insulating and tight-fitting repair is then obtained in one step by heating, which makes the sleeves diameter shrink and the inside sealant coating melt, flow and fill the damaged cable area.

The CRSM wraparound sleeves fit a wide range of different cable diameters. The sealant exhibits excellent bonding and sealing characteristics to most of the substrates commonly used in the various cable and oversheath constructions, such as polymeric, rubber, lead and aluminium. The CRSM wraparounds are made of an abrasion resistant semi-rigid material and are a result of our extensive capability in materials technology.

The CRSM wraparound sleeves are used in low voltage applications for insulation and sealing against moisture of cable joints and in low and medium voltage applications for sealing and mechanical protection, for outer rejacketing and for cable repair.

The material content of the CRSM wraparounds are halogen-free and stabilized against UV irradiation. They have proven their long-term reliability in harsh climatic conditions and have an unlimited shelf-life when stored under normal conditions.

Customers can count on consistent, high quality products, driven by TE's proven innovation and backed by our extraordinary customer support.

Heat Shrink Wraparound Sleeves CRSM

Compliant to RoHS and REACH regulations.

PRODUCT SELECTION INFORMATION: DIMENSIONS IN INCHES (MM)

| Description | Primary Insulation Conductor Size (AWG/Kcmil) | 1000V Use Range | General Use Range | Length | Wall Thickness (min. - max.) | Standard Pack (pcs./Box) |
|------------------|---|-----------------------|------------------------|-----------|------------------------------|--------------------------|
| CRSM 34/10-200 | #8 - 2/0 | 0.25 - 0.60 (6 - 15) | 0.25 - 1.20 (6 - 30) | 8 (200) | 0.02 - 0.1 (0.3 - 2.4) | 3 |
| CRSM 34/10-1200 | #8 - 2/0 | 0.25 - 0.60 (6 - 15) | 0.25 - 1.20 (6 - 30) | 48 (1219) | 0.02 - 0.1 (0.3 - 2.4) | 5 |
| CRSM 53/13-200 | 3/0 - 400 | 0.60 - 0.95 (15 - 24) | 0.60 - 1.80 (15 - 46) | 8 (200) | 0.02 - 0.08 (0.3 - 2) | 10 |
| CRSM 53/13-1200 | 3/0 - 400 | 0.60 - 0.95 (15 - 24) | 0.60 - 1.80 (15 - 46) | 48 (1219) | 0.02 - 0.08 (0.3 - 2) | 5 |
| CRSM 84/20-750 | 500 - 1000 | 0.95 - 1.40 (24 - 36) | 0.95 - 2.70 (24 - 69) | 30 (750) | 0.02 - 0.08 (0.3 - 2) | 10 |
| CRSM 84/20-1200 | 500 - 1000 | 0.95 - 1.40 (24 - 36) | 0.95 - 2.70 (24 - 69) | 48 (1219) | 0.02 - 0.08 (0.3 - 2) | 5 |
| CRSM 107/29-1000 | 1000 - 2000 | 1.30 - 2.00 (33 - 51) | 1.30 - 3.60 (33 - 91) | 40 (1000) | 0.02 - 0.08 (0.3 - 2) | 10 |
| CRSM 107/29-1200 | 1000 - 2000 | 1.30 - 2.00 (33 - 51) | 1.30 - 3.60 (33 - 91) | 48 (1219) | 0.02 - 0.08 (0.3 - 2) | 5 |
| CRSM 143/36-1200 | - | - | 1.65 - 4.95 (42 - 126) | 48 (1219) | 0.02 - 0.08 (0.3 - 2) | 5 |
| CRSM 198/55-1200 | - | - | 1.65 - 4.95 (42 - 126) | 48 (1219) | 0.02 - 0.09 (0.3 - 2.1) | 5 |

Dimension values provided are typical. Related test reports: EDR-5124, 5192, 5361.

REFERENCE DIMENSIONS FOR FIELD CUTTING OF CRSM: INCHES (MM)

| Damage Length | Total Seal Length |
|---------------------|-------------------|
| <3 (<76) | 3 (76) |
| 3 - 12 (76 - 305) | 4 (102) |
| 12 - 24 (305 - 610) | 6 (152) |
| > 24 (>610) | 8 (203) |

Cut Sleeve Length = Damage Length + Total Seal Length

ORDERING INFORMATION

Kit includes wraparound sleeve and stainless steel channel closure. Both can be field cut for shorter requirements. Kit does not include connectors. Bulk options are also available. Consult your TE Connectivity representative.

te.com/energy

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