



Energy & Power > Power Cable Accessories > Power Cable Wraps > Wraparound Sleeve for Cable Repair



Power Cable Wrap Product Availability: **Worldwide**

Power Cable Wrap Technology: **Heat Shrink**

Power Cable Wrap Voltage Rating: **≤ 1 kV**

Power Cable Wrap Product Type: **Heat Shrink Wraparound**

Application Diameter (Max): **32 mm [ 1.259 in ]**

[All Wraparound Sleeve for Cable Repair \(127\)](#)

Features

Product Type Features

|                                 |                        |
|---------------------------------|------------------------|
| Coating Style                   | Inline                 |
| Component Design                | Heat Shrink            |
| Product Family                  | CRSM                   |
| Material System                 | Crosslinked Polyolefin |
| Power Cable Wrap Technology     | Heat Shrink            |
| Power Cable Wrap Product Type   | Heat Shrink Wraparound |
| Adhesive Coating                | Yes                    |
| Wall Style (Excluding Adhesive) | Single                 |
| Power Cable Wrap Shrink Ratio   | >3:1                   |
| Power Cable Wrap Size Code      | CRSM-53/13             |

Electrical Characteristics

|                                 |        |
|---------------------------------|--------|
| Power Cable Wrap Voltage Rating | ≤ 1 kV |
|---------------------------------|--------|

Body Features

|             |            |
|-------------|------------|
| Color       | Black      |
| Flexibility | Semi-Rigid |

Mechanical Attachment



|                          |    |
|--------------------------|----|
| Mechanical Reinforcement | No |
|--------------------------|----|

Dimensions

|                                                  |                   |
|--------------------------------------------------|-------------------|
| Cut Length                                       | 1000 mm           |
| Application Diameter (Max)                       | 32 mm[1.259 in]   |
| Application Diameter (Min)                       | 17 mm[.669 in]    |
| Wall Thickness                                   | Medium            |
| Recovered Wall Thickness (Max)                   | 2 mm              |
| Power Cable Wrap Expanded Inside Diameter (Min)  | 54 mm[2.125 in]   |
| Power Cable Wrap Recovered Inside Diameter (Max) | 15 mm             |
| Sleeve Length                                    | 1000 mm[39.37 in] |

Usage Conditions

|                               |                                                                                      |
|-------------------------------|--------------------------------------------------------------------------------------|
| Chemical Resistance           | Transformer Oil & Hydrocarbons (Both, Depending on Type, Conditions & Exposure Time) |
| Environmental Resistance      | Moisture, Weathering, Rain, Salt Water, Contaminated Water ...                       |
| Power Cable Wrap Flammability | Non-Flame-Retardant                                                                  |

Operation/Application

|                                        |                                                                                                                                                                                                                           |
|----------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Thermal Resistance                     | Applicable for Low Temperatures, Applicable for High Temperatures, Flame-Retardant                                                                                                                                        |
| Marine-Offshore-Shipbuilding Certified | Yes                                                                                                                                                                                                                       |
| Application                            | Cable Jacketing, Cable Repair, Rejacketing /Outer Protection on Joints/Splices, Insulation & Protection, Rail Application, Marine Application, Industrial Application, Underground Application, Multi-Purpose Application |
| Non-Toxic & Non-Corrosive Emission     | Yes                                                                                                                                                                                                                       |
| Low Smoke Emission                     | Yes                                                                                                                                                                                                                       |
| Free of Lead, Cadmium, Heavy Metals    | Yes                                                                                                                                                                                                                       |
| Mechanical Resistance                  | Against Mechanical Impact or Damage                                                                                                                                                                                       |
| UV-Stabilized                          | Yes                                                                                                                                                                                                                       |

Industry Standards

|           |                                                           |
|-----------|-----------------------------------------------------------|
| Standards | IEC 60684-3-214, IEC 60684-3-246 IEC 60684-3-247, HD631.2 |
|-----------|-----------------------------------------------------------|



Product Availability

|                                       |           |
|---------------------------------------|-----------|
| Power Cable Wrap Product Availability | Worldwide |
|---------------------------------------|-----------|

Packaging Features

|                  |                                                      |
|------------------|------------------------------------------------------|
| Packaging Method | Pieces, Wrap-Around with Channels & Clips in Polybag |
|------------------|------------------------------------------------------|

Other

|                        |                                      |
|------------------------|--------------------------------------|
| Other Colors Available | No                                   |
| Product Use            | Wrap-Around, Sealed Cable Tap Splice |

Product Compliance

For compliance documentation, visit the product page on [TE.com](#)>

|                                               |                                                                                                                               |
|-----------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------|
| EU RoHS Directive 2011/65/EU                  | Compliant                                                                                                                     |
| EU ELV Directive 2000/53/EC                   | Compliant                                                                                                                     |
| China RoHS 2 Directive MIIT Order No 32, 2016 | No Restricted Materials Above Threshold                                                                                       |
| EU REACH Regulation (EC) No. 1907/2006        | Current ECHA Candidate List: JAN 2024 (240)<br>Candidate List Declared Against: JUL 2021 (219)<br>Does not contain REACH SVHC |
| Halogen Content                               | Not Yet Reviewed for halogen content                                                                                          |
| Solder Process Capability                     | Not applicable for solder process capability                                                                                  |

Product Compliance Disclaimer

This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, mercury, PBB, PBDE, DBP, BBP, DEHP, DIBP, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2011/65/EU (RoHS2). Finished electrical and electronic equipment products will be CE marked as required by Directive 2011/65/EU. Components may not be CE marked. Additionally, the part numbers that TE has identified as EU ELV compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, and mercury, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2000/53/EC (ELV). Regarding the REACH Regulation, the information TE provides on SVHC in articles for this part number is based on the latest European Chemicals Agency (ECHA) 'Guidance on requirements for substances in articles' posted at this URL: <https://echa.europa.eu/guidance-documents/guidance-on-reach>

Compatible Parts







TE Part # CAT-CNSM-CFSM  
Raychem Heat Shrink Reinforced  
Wraparound Sleeves

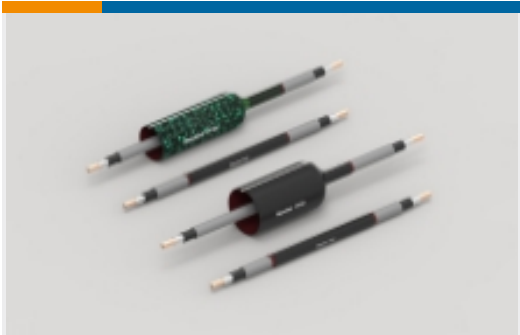


TE Part # 738571-000  
MRSM-100/51-750/239(S5)



TE Part # EE9068-000  
CNSM-100/25-500/AC(S5)

Also in the Series | RAYCHEM CRSM



Power Cable Wraps(132)

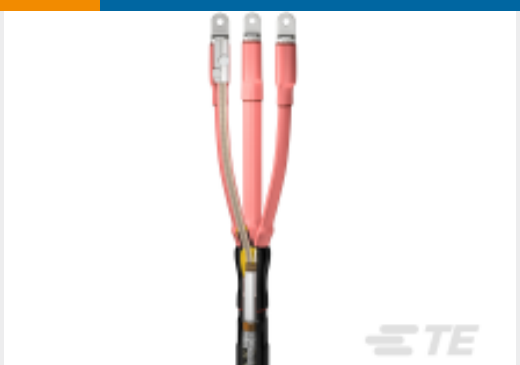
Customers Also Bought



TE Part #002611-000  
CRSM-143/36-1000/239(S1)



TE Part #CU8543-000  
WCSM-48/12-1200/S(S10)



TE Part #A31452-070  
GUST-12/70-120/800-L12



TE Part #CJ0370-068  
POLT-24D/1XO-ML-4-13



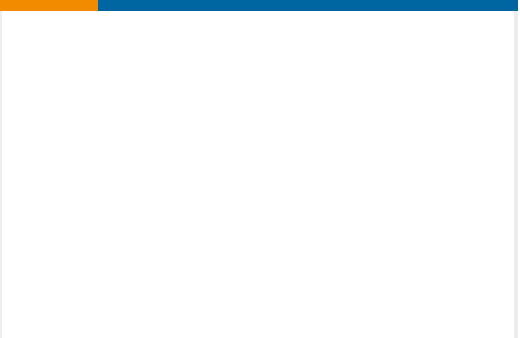
TE Part #E05386-015  
POLJ-12/3X120-240



TE Part #F44818-064  
POLT-12C/1XO-L12



TE Part #818203-011  
EPKJ-24D/1XU-1HL



TE Part #861101-005  
EPKJ-24D/1HL-1HL



TE Part #CA8618-068  
TRAJ-24/1X120-240-3SB



TE Part #F88114-070  
TRAJ-24/1X70-150-3SB



Documents

Product Drawings

CRSM-53/13-1000/239(S5)

English

Datasheets & Catalog Pages

CRSM-HEAT-SHRINKABLE WRAPAROUND SLEEVE

English

Product Specifications

Manuals & User Guides

English

Instruction Sheets

Instruction Sheet (non U.S.)

English

Instruction Sheet (non U.S.)

Instruction Sheet (non U.S.)

Instruction Sheet (non U.S.)

German