

413206-000 ✓ ACTIVE

RAYCHEM | RAYCHEM MWTM

TE Internal #: 413206-000

Power Cable Tubing & Accessories, AMERICAS / ANZPAC / ASIA,  
Heat Shrink, Heat Shrink Tubing, Non-Flame-Retardant, Yes,  
RAYCHEM MWTM

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Energy & Power > Power Cable Accessories > Power Cable Tubing & Accessories > Medium-Wall Heat Shrink Tubing



Power Cable Tube & Accessory Product Availability: **AMERICAS, ANZPAC, ASIA, EMEA**

Power Cable Tube & Accessory Technology: **Heat Shrink**

Power Cable Tube & Accessory Product Type: **Heat Shrink Tubing**

Power Cable Tube & Accessory Flammability: **Non-Flame-Retardant**

Adhesive Coating: **Yes**

[All Medium-Wall Heat Shrink Tubing \(299\)](#)

## Features

### Product Type Features

Coating Style	Inline
Material System	Crosslinked Polyolefin
Power Cable Tube & Accessory Technology	Heat Shrink
Power Cable Tube & Accessory Product Type	Heat Shrink Tubing
Adhesive Coating	Yes
Power Cable Tube & Accessory Shrink Ratio	> 3:1
Wall Style (Excluding Adhesive)	Single

### Body Features

Color	Black
Flexibility	Semi-Rigid

### Dimensions

Application Diameter (Max)	31.5 mm[1.24 in]
Application Diameter (Min)	13 mm[.511 in]
Power Cable Tube & Accessory Expanded Inside Diameter (Min)	35 mm
Power Cable Tube & Accessory Recovered Inside Diameter (Max)	12 mm
Power Cable Tube & Accessory Cut Length	1000 mm



Recovered Wall Thickness (Max)	2 mm
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Wall Thickness	Medium
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### Usage Conditions

Power Cable Tube & Accessory Flammability	Non-Flame-Retardant
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### Operation/Application

Free of Lead, Cadmium, Heavy Metals	Yes
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Non-Toxic & Non-Corrosive Emission	Yes
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Low Smoke Emission	Yes
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Emission Free	No
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Thermal Resistance	Applicable for Low Temperatures, Applicable for High Temperatures, Flame-Retardant
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Marine-Offshore-Shipbuilding Certified	Yes
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Mechanical Resistance	Against Mechanical Impact or Damage
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UV-Stabilized	Yes
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### Industry Standards

UL Rating	No
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Standards	IEC 60684-3-214, IEC 60684-3-246, IEC 60684-3-247, HD631.2
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CSA Certified	No
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### Product Availability

Power Cable Tube & Accessory Product Availability	AMERICAS, ANZPAC, ASIA, EMEA
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### Other

Other Colors Available	No
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### Product Compliance

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

EU RoHS Directive 2011/65/EU	Compliant
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EU ELV Directive 2000/53/EC	Compliant
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China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
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EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JAN 2024 (240) Candidate List Declared Against: JAN 2024 (240) Does not contain REACH SVHC
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Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
Solder Process Capability	Not applicable for solder process capability

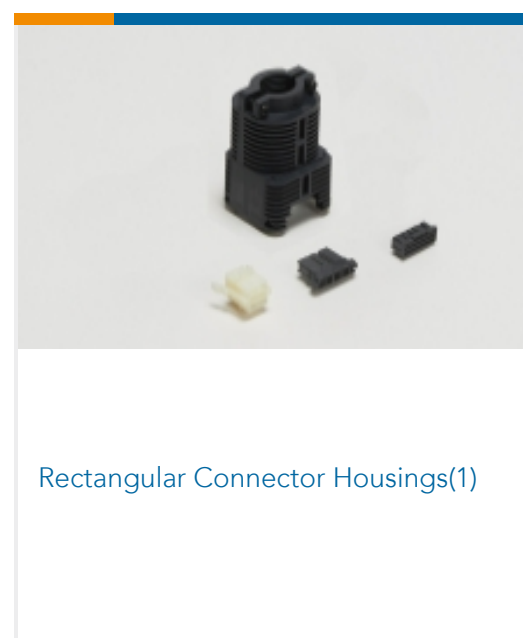
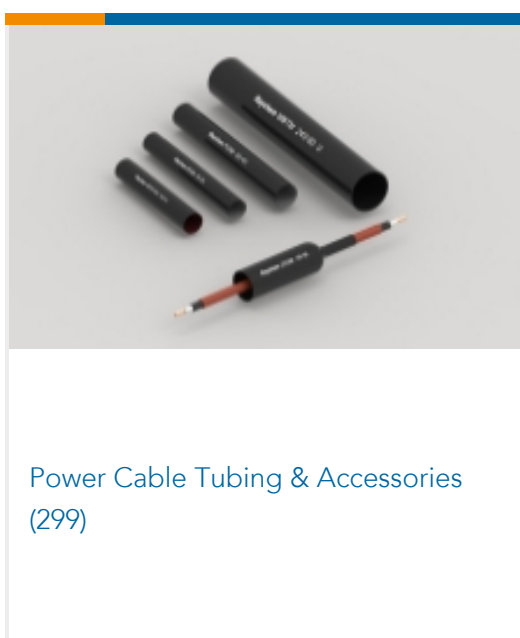
Product Compliance Disclaimer

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>

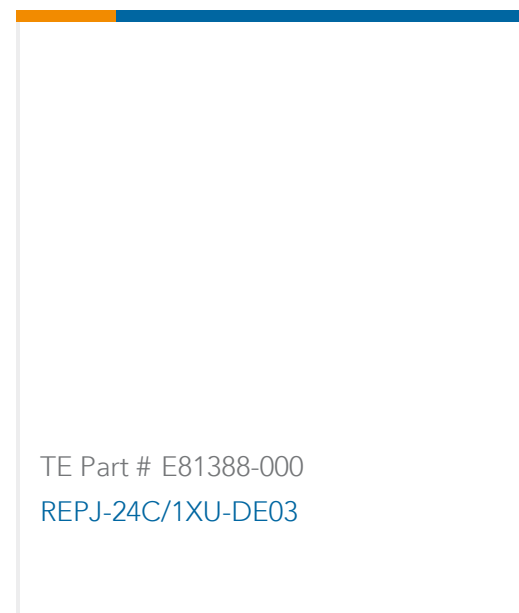
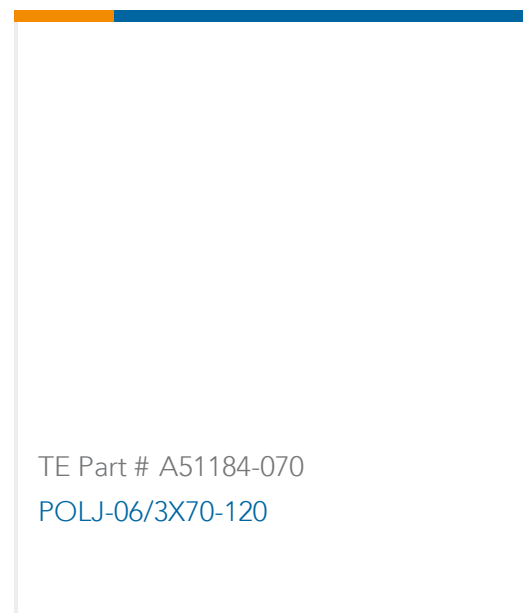
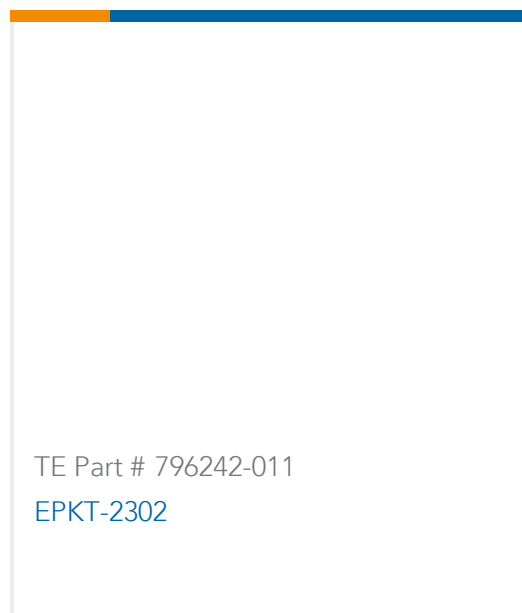
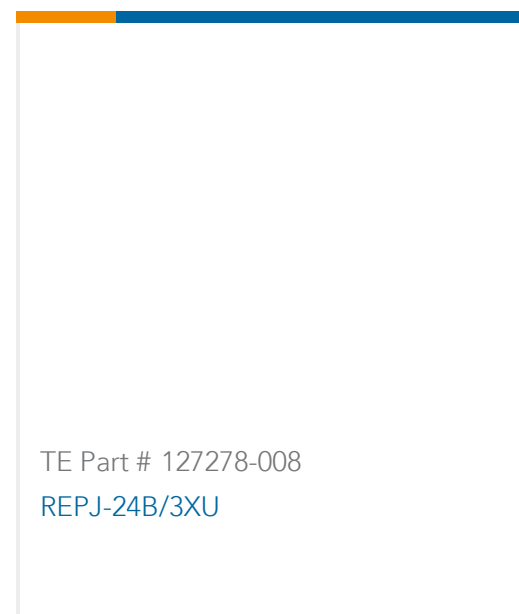
### Compatible Parts



### Also in the Series | RAYCHEM MWTM



### Customers Also Bought



## Documents

### Product Drawings

[MWTM-35/12-1000/S\(S10\)](#)

English

### Datasheets & Catalog Pages

[HEAT SHRINK TUBING MWTM IEC](#)

English

[MWTM-MEDIUM-WALL-TUBING-CABLE-ACCESSORIES](#)

English

### Instruction Sheets

[Instruction Sheet \(non U.S.\)](#)

English