

D83074-000 ✓ ACTIVE

RAYCHEM | RAYCHEM GelWrap

TE Internal #: D83074-000

Joints & Splices, AMERICAS, Cold Shrink / Cold Applied, ≤ 1 kV,
Inline, Wrap-Around Splice Closure, Cross-Section 4 - 95 mm²,
RAYCHEM GelWrap

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Energy & Power > Power Cable Accessories > Joints & Splices



Joints & Splice Product Availability: **AMERICAS**

Installation Instruction: **English**

Joints & Splice Technology: **Cold Applied, Cold Shrink**

Joints & Splice Voltage Class: ≤ 1 kV

Joint & Splice Application Type: **Inline**

Features

Product Type Features

Component Design	PowerGel Sealing Gel
Adhesive Coating	Silicone Gel
Joints & Splice Technology	Cold Applied, Cold Shrink
Joints & Splice Product Type	Wrap-Around Splice Closure
Closing Method	Snap

Configuration Features

Number of Main Wires (Max)	1
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Electrical Characteristics

Joints & Splice Voltage Class	≤ 1 kV
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Body Features

Color	Black
Flexibility	Semi-Flexible

Mechanical Attachment

Mechanical Reinforcement	Cable Ties
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Dimensions

Cable Diameter (Min) (Main)	4 mm
Connector Opening	225 mm[9 in]

Conductor Size	12 - 0000 AWG
Sleeve Length	300 mm[12 in]
Application Diameter (Min)	4 mm[.15 in]
Application Diameter (Max)	18 mm[.7 in]
Cross-Section Range	4 - 95 mm ²
Cable Cross-Section (Max) (Main)	95 mm ²
Cable Cross-Section (Min) (Main)	4 mm ²
Cable Diameter (Max) (Main)	18 mm
Joints & Splice Conductor Diameter	.15 - .7 mm[4 - 18 in]

Usage Conditions

Chemical Resistance	Motor Oil, Hydrochloric Acid, Sodium Chloride, Sodium Hydroxide
Environmental Resistance	Yes
Operating Temperature Range	-40 - 95 °C

Operation/Application

Emission Free	Yes
Thermal Resistance	Applicable for Low Temperatures, Applicable for High Temperatures, Flame-Retardant
Non-Toxic & Non-Corrosive Emission	Yes
Low Smoke Emission	Yes
Mechanical Resistance	Against Mechanical Impact
UV-Stabilized	Yes
Joint & Splice Application Type	Inline

Industry Standards

UL Rating	No
CSA Certified	No
Standards	ANSI C119.1

Product Availability

Joints & Splice Product Availability	AMERICAS
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Packaging Features

Packaging Method	Pieces in Polybag
Standard Pack	6

Other

Product Use	PowerGel-filled wraparound for LV splices and cable jacket repair
Installation Instruction	English

Product Compliance

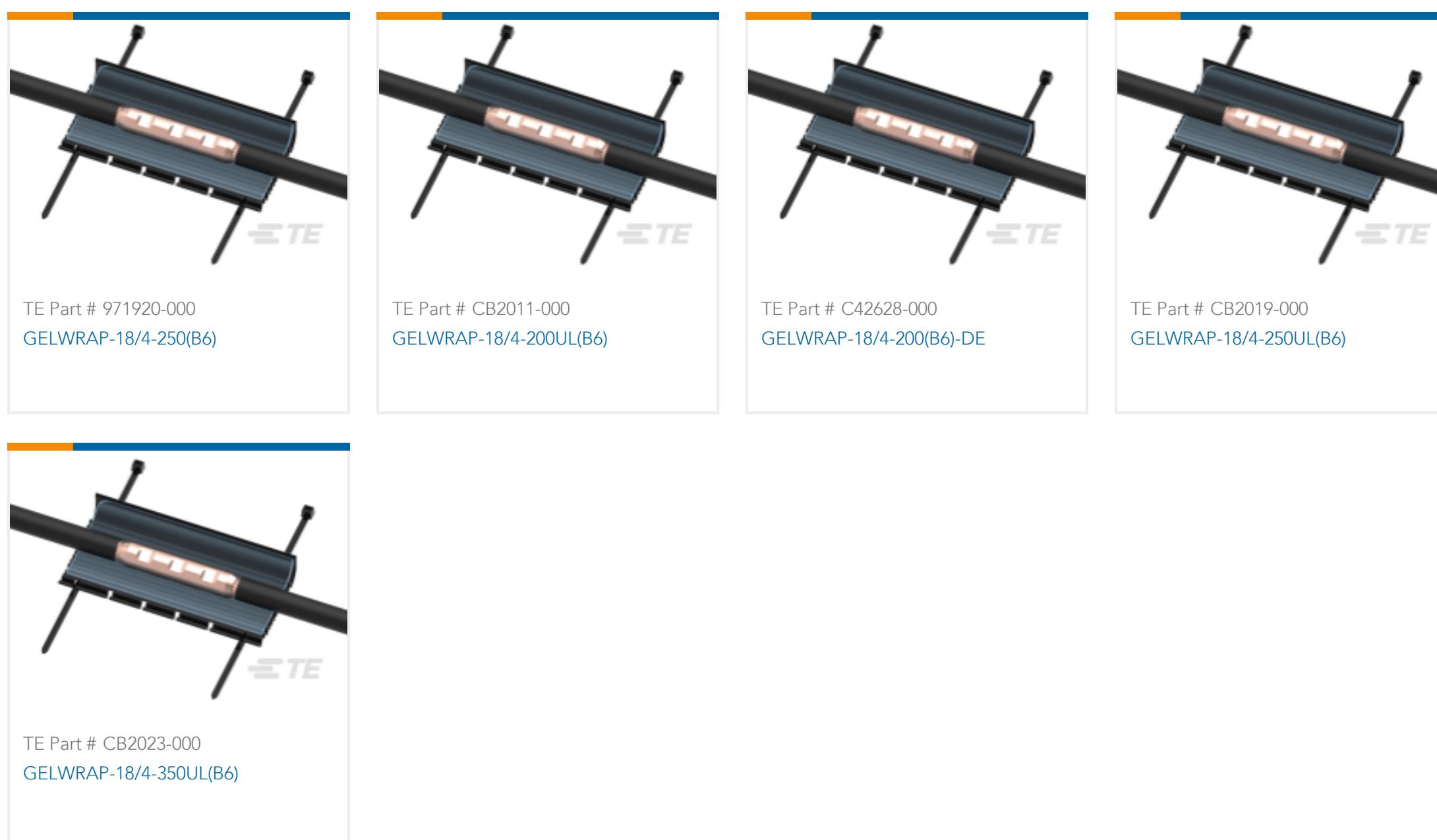
For compliance documentation, visit the product page on TE.com>

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) Candidate List Declared Against: JUN 2016 (169) SVHC > Threshold: Not Yet Reviewed
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

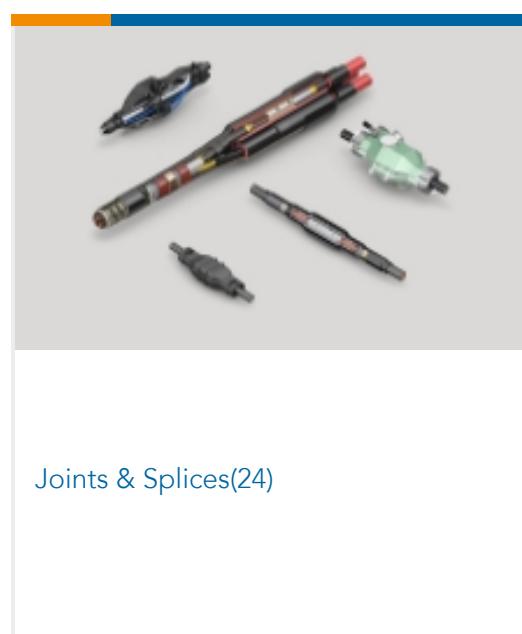
Product Compliance Disclaimer

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 Regulations, TE's information on SVHC in articles for this part number is still based on the European Chemical Agency (ECHA) 'Guidance on requirements for substances in articles' (Version: 2, April 2011), applying the 0.1% weight on weight concentration threshold at the finished product level. TE is aware of the European Court of Justice ruling of September 10th, 2015 also known as O5A (Once An Article Always An Article) stating that, in case of 'complex object', the threshold for a SVHC must be applied to both the product as a whole and simultaneously to each of the articles forming part of its composition. TE has evaluated this ruling based on the new ECHA "Guidance on requirements for substances in articles" (June 2017, version 4.0) and will be updating its statements accordingly.

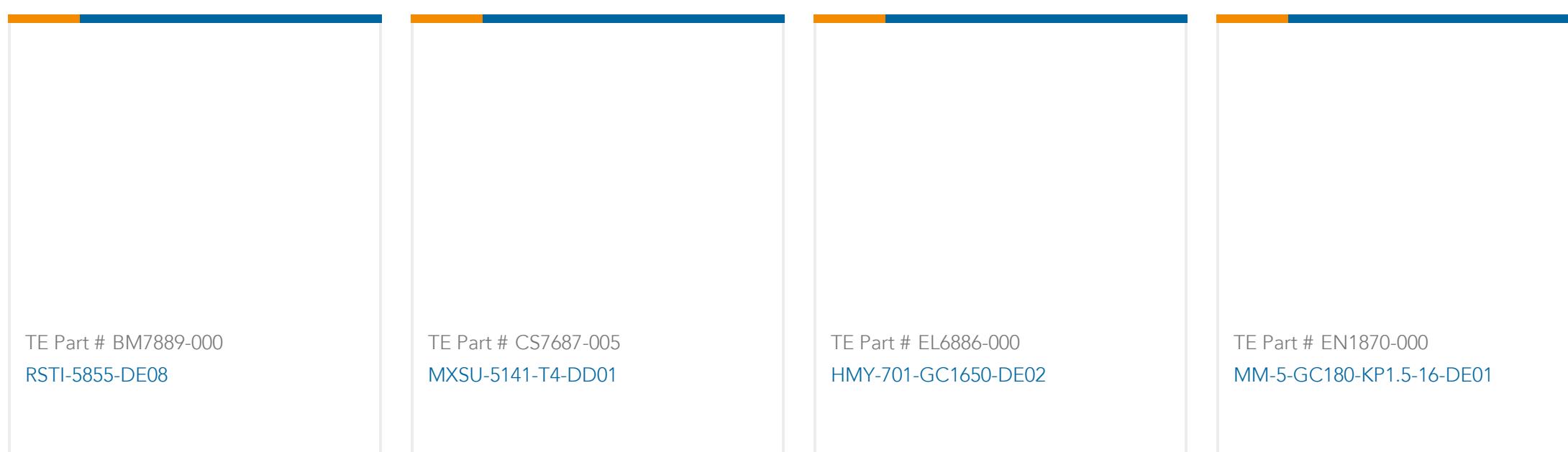
Compatible Parts



Also in the Series | RAYCHEM GelWrap



Customers Also Bought



Documents

Product Drawings

GELWRAP-18/4-300(B6)

English

Datasheets & Catalog Pages

GELWRAP-WRAPAROUND-SLEEVE-CABLE-ACCESSORIES

English

Agency Approvals

[UL Report](#)

English