

765669-000  ACTIVE

RAYCHEM | RAYCHEM GHFC

TE Internal #: 765669-000

Joints & Splices, AMERICAS, Cold Applied / Cold Shrink,  $\leq 1$  kV,  
Inline, H-Frame Splice Closure, Cross-Section 16 - 35 mm<sup>2</sup>,  
RAYCHEM GHFC

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Energy &amp; Power &gt; Power Cable Accessories &gt; Joints &amp; Splices



Joints &amp; Splice Product Availability: AMERICAS

Installation Instruction: English

Joints &amp; Splice Technology: Cold Applied, Cold Shrink

Joints & Splice Voltage Class:  $\leq 1$  kV

Joint &amp; Splice Application Type: Inline

## Features

### Product Type Features

Component Design	PowerGel Sealing Gel
Adhesive Coating	Silicone Gel
Material System	Polypropylene Cover
Joints & Splice Technology	Cold Applied, Cold Shrink
Joints & Splice Product Type	H-Frame Splice Closure
Closing Method	Snap

### Configuration Features

Number of Main Wires (Max)	1
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### Electrical Characteristics

Joints & Splice Voltage Class	$\leq 1$ kV
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### Body Features

Color	Black
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### Termination Features

Die Reference	BG
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### Mechanical Attachment

Mechanical Reinforcement	No
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### Dimensions

Conductor Range (Tap)	14 - 8 AWG
Conductor Range (Main)	6 - 2 AWG
Cross-Section Range	16 - 35 mm <sup>2</sup>
Cable Cross-Section (Max) (Main)	35 mm <sup>2</sup>
Cable Cross-Section (Min) (Main)	16 mm <sup>2</sup>

### Usage Conditions

Environmental Resistance	Moisture, Weathering, Rain, Salt Water, Contaminated Water ...
Chemical Resistance	Transformer Oil & Hydrocarbons (Both, Depending on Type, Conditions & Exposure Time)

### Operation/Application

Thermal Resistance	Applicable for Low Temperatures, Applicable for High Temperatures, Flame-Retardant
Marine-Offshore-Shipbuilding Certified	No
Mechanical Resistance	Against Mechanical Impact
UV-Stabilized	Yes
Joint & Splice Application Type	Inline
Free of Lead, Cadmium, Heavy Metals	Yes

### Industry Standards

CSA Certified	No
Standards	ANSI C119.1
UL Rating	No

### Product Availability

Joints & Splice Product Availability	AMERICAS
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### Packaging Features

Standard Pack	10
Packaging Method	Pieces in Polybag

### Other

Other Colors Available	No
Product Use	PowerGel-filled box for LV underground & overhead splices.
Installation Instruction	English

## Product Compliance

For compliance documentation, visit the product page on [TE.com](http://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



TE Part # 294925-000  
GHFC-2-90(B10)



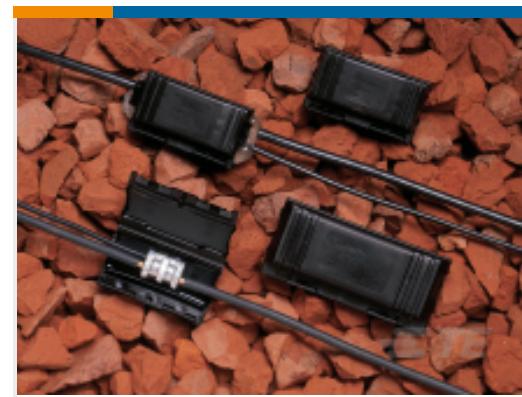
TE Part # 629995-000  
GHFC-3-90(B18)



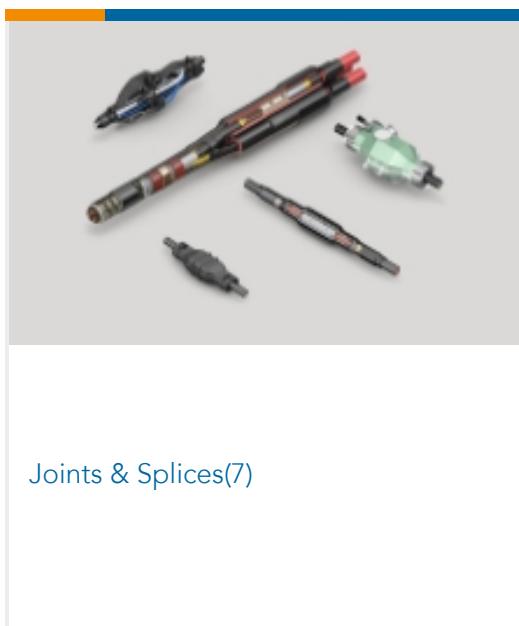
TE Part # C48562-000  
GHFC-2.5-90(B300)



TE Part # 348333-000  
GHFC-2-90(B100)

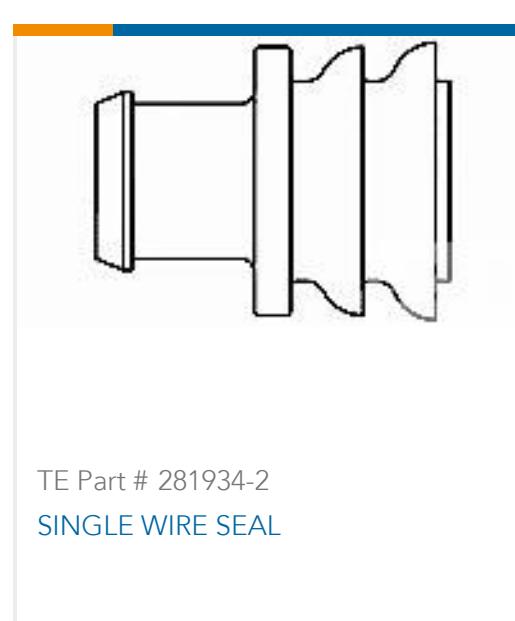
TE Part # 166533-000  
GHFC-1-90(B100)TE Part # 505941-000  
GHFC-3-90(B6)

## Also in the Series | RAYCHEM GHFC



Joints &amp; Splices(7)

## Customers Also Bought

TE Part # DT04-2P  
REC, 2P, GRY, NTE Part # W2S  
Wedgelocks: DEUTSCH DTTE Part # 0460-202-16141  
DEUTSCH Solid ContactsTE Part # 282104-1  
AMP SUPERSEAL 1.5MM,  
CONNECTOR HOUSINGTE Part # DT06-2S  
PLG, 2P, GRY, NTE Part # 281934-2  
SINGLE WIRE SEALTE Part # 114017-ZZ  
SEALING PLUG, SIZE 12/16, WHT

## Documents

### Datasheets & Catalog Pages

#### GHFC-GEL-H-FRAME-CLOSURE-CABLE-ACCESSORIES

English

#### GHFC-GEL-H-FRAME-CLOSURE-CABLE-ACCESSORIES

### Instruction Sheets

#### Instruction Sheet (U.S.)

English