

RAYCHEM | RAYCHEM GelWrap

TE Internal #: A66578-000

Joints & Splices, AMERICAS, Cold Shrink / Cold Applied, ≤ 1 kV,

Inline, Wrap-Around Splice Closure, 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	$\leq 1 \text{ kV}$
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Body Features

Flexibility	Semi-Flexible
Color	Black

Mechanical Attachment

Dimensions

Cable Diameter (Min) (Main)	10 mm
Connector Opening	200 mm[8 in]



Application Diameter (Min) Application Diameter (Max) Application Diameter (Max) Application Diameter (Max) Cross Section Range 35 240 mm4 Cable Cross Section (Min) (Main) Cable Cross Section (Min) (Main) 35 mm4 Cable Diameter (Max) (Main) Joints & Splice Conductor Diameter 4 1.3 mm/10 33 in] 2 AWG - 500 kcmil Usage Conditions Environmental Resistance Ves Operating Temperature Range 40 - 95 °C Chemical Resistance Operation/Application Entilation Free Yes Thermal Resistance Applicable for Lew Temperatures, Applicable for Light Temperatures, Clarine-Retardant Non-Toxic & Non-Corosive Entission Yes Mechanical Resistance UV-Stabilized Yes Mechanical Resistance Ves Mechanical Resistance Non-Toxic & Non-Corosive Entission Yes Mechanical Resistance Non-Toxic & Non-Corosive Entission Yes Mechanical Resistance UV-Stabilized Yes Mechanical Resistance Non-Toxic & Non-Corosive Entission		200 00 [12]:0]
Application Diameter (Max) Cross-Section Range 35 – 240 mm²[42 – 500 AWG/kcmill Cable Cross-Section (Max) (Main) 240 mm² Cable Cross-Section (Min) (Main) 35 mm² Cable Cross-Section (Min) (Main) 35 mm² Cable Diameter (Max) (Main) 33 mm Joints & Splice Conductor Diameter 4 1.3 mm[10 33 in] 2 AWG – 500 kcmil Usage Conditions Environmental Resistance Ves Operating Temperature Range 20 – 95 °C Chemical Resistance Motor Oil, Hydrochloric Acid, Sodium Chloride, Sodium Hydroxide Operation/Application Emission Free Yes Thermal Resistance Applicable for Low Temperatures, Planne-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 CSA Certified No Standards AMERICAS Packaging Features Standard Pack 12	Sleeve Length	300 mm[12 in]
Cross Section Range 35 – 240 mm² (#2 – 500 AWG/kcmill) Cable Cross-Section (Max) (Main) 240 mm² Cable Cross-Section (Min) (Main) 35 mm² Cable Diameter (Max) (Main) 33 mm Jointa & Splice Conductor Diameter 4 – 1.3 mm(10 – 33 in) PawG – 500 kcmil Usage Conditions Frivironmental Resistance Yes Operating Temperature Range 40 – 95 °C Chemical Resistance Motor Oil, Hydrochloric Acid, Sodium Chloride, Sodium Hydroxide Operation/Application Emission Free Yes Thermal Resistance Applicable for Low Temperatures, Applicable for High Temperatures, Flame Retardant Non-Loxic & Non-Corrosive Emission Yes Low Smoke Emission Yes Mechanical Resistance Against Mechanical Impact UV-Stabilized Yes Joint & Splice Application Type Inline Industry Standards CSA Certified No Standards ANSI C119.1 UL Rating No Product Availability Joints & Splice Product Availability AMERICAS Packaging Features Standard Pack 12		
Cable Cross-Section (Max) (Main) Cable Cross Section (Min) (Main) Cable Diameter (Max) (Main) Joints & Splice Conductor Diameter 4 - 1.3 mm [10 - 33 in] 2 AWG - 500 kcmil Usage Conditions Environmental Resistance Yes Operating Temperature Range -10 - 95 °C Chemical Resistance Motor Oil, Hydrochloric Acid, Sedium Chloride, Sedium Hydroxide Operation/Application Emission Free Yes Thermal Resistance Applicable for Low Temperatures, Plame-Retardant Non-Toxic & Non-Corrosive Emission Yes Low Smoke Emission Yes Low Smoke Emission Weshanical Resistance UV Stabilized Yes Joint & Splice Application Type Infline Industry Standards CSA Certified No Standards ANSI C119.1 UL Rating Product Availability Joints & Splice Product Availability AMERCAS Packaging Features Standard Pack 12		
Cable Cross-Section (Min) (Main) Cable Diameter (Max) (Main) Joints & Splice Conductor Diameter A = 1.3 mm[10 = 33 in] 2 AWG = 500 kcmll Usage Conditions Environmental Resistance Yes Operating Temperature Range -40 = 95 °C Chemical Resistance Motor Oil, Hydrochloric Acid, Sodium Chloride, Sodium Hydroxide Operation/Application Lmission Free Yes Thermal Resistance Applicable for Low Temperatures, Plame-Retardant Non-Toxic & Non-Cornosive Emission Yes Low Smoke Emission Yes Mechanical Resistance Against Mechanical Impact UV Stabilized Yos Joint & Splice Application Type Indine Industry Standards CSA Certified No Product Availability Joints & Splice Product Availability AMERICAS Packaging Features Standard Pack 12		
Cable Diameter (Max) (Main) Joints & Splice Conductor Diameter 4 - 1.3 mm[10 - 33 in] 2 AWG - 500 kcmil Usage Conditions Environmental Resistance Yes Ciperating Temperature Range 40 - 95 °C Chemical Resistance Motor Oil, Hydrochloric Acid, Sodium Chloride, Sodium Hydroxide Ciperation/Application Emission Free Yes Thermal Resistance Applicable for Low Temperatures, Applicable for Low Temperatures, Applicable for High Temperatures, Flame-Retardant Non-Loxic & Non-Corrosive Emission Yes Mechanical Resistance LIV Stabilized Yes Joint & Splice Application Type Industry Standards CSA Certified No Standards ANSI C119.1 UL Rating Product Availability Joints & Splice Product Availability AMERICAS Packaging Features Standard Pack 12		
Joints & Splice Conductor Diameter .4 – 1.3 mm[10 – 33 in] 2 AWG – 500 kcmil Usage Conditions Environmental Resistance Yes Operating Temperature Range .40 – 95 °C Chemical Resistance Motor Oil, Hydrochloric Acid, Sodium Chloride, Sodium Hydroxide Operation/Application Emission Free Yes Thermal Resistance Applicable for Low Temperatures, 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 CSA Certified No Standards ANSI C119.1 UI Rating No Product Availability Joints & Splice Product Availability AMERICAS Packaging Features Standard Pack 12	Cable Cross-Section (Min) (Main)	35 mm ²
Usage Conditions Environmental Resistance Operating Temperature Range -40 – 95 °C Chemical Resistance Motor Oil, Hydrochloric Acid, Sodium Chloride, Sodium Hydroxide Operation/Application Emission Free Yes Thermal Resistance Applicable for Low Temperatures, Applicable for High Temperatures, Plame-Retardant Non-Toxic & Non-Corrosive Emission Yes Low Smoke Emission Yes Mechanical Resistance Against Mechanical Impact UV-Stabilized Yes Joint & Splice Application Type Infine Industry Standards CSA Certified No Standards ANSI C119.1 UL Rating No Product Availability Joints & Splice Product Availability AMERICAS Packaging Features Standard Pack 12	Cable Diameter (Max) (Main)	33 mm
Usage Conditions Environmental Resistance Operating Temperature Range A0 95 °C Chemical Resistance Motor Oil, Hydrochloric Acid, Sodium Chloride, Sodium Hydroxide Operation/Application Emission Free Yes Thermal Resistance Applicable for Low Temperatures, Applicable for High Temperatures, Applicable for High Temperatures, Flame Retardant Non-Toxic & Non-Corrosive Emission Yes Low Smoke Emission Yes Mechanical Resistance UV Stabilized Yes Joint & Splice Application Type Inline Industry Standards CSA Certified No Standards ANSI C119.1 UL Rating No Product Availability Joints & Splice Product Availability AMERICAS Packaging Features Standard Pack 12	Joints & Splice Conductor Diameter	.4 – 1.3 mm[10 – 33 in]
Environmental Resistance Operating Temperature Range Chemical Resistance Motor Oil, Hydrochloric Acid, Sodium Chloride, Sodium Hydroxide Operation/Application Emission Free Yes Thermal Resistance Applicable for Low Temperatures, Applicable for High 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 CSA Certified No Standards ANSI C119.1 UL Rating Product Availability Joints & Splice Product Availability AMERICAS Packaging Features Standard Pack 12		2 AWG – 500 kcmil
Operating Temperature Range Chemical Resistance Motor Oil, Hydrochloric Acid, Sodium Chloride, Sodium Hydroxide Operation/Application Emission Free Yes Thermal Resistance Applicable for Low Temperatures, Applicable for High Temperatures, 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 CSA Certified No Standards UL Rating No Product Availability Joints & Splice Product Availability AMERICAS Packaging Features Standard Pack 12	Usage Conditions	
Chemical Resistance Motor Oil, Hydrochloric Acid, Sodium Chloride, Sodium Hydroxide 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 CSA Certified No Standards UL Rating No Product Availability Joints & Splice Product Availability AMERICAS Packaging Features Standard Pack 12	Environmental Resistance	Yes
Chloride, Sodium Hydroxide 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 CSA Certified No Standards ANSI C119.1 UL Rating No Product Availability Joints & Splice Product Availability AMERICAS Packaging Features Standard Pack 12	Operating Temperature Range	-40 – 95 °C
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 CSA Certified No Standards ANSI C119.1 UI. Rating No Product Availability Joints & Splice Product Availability AMERICAS Packaging Features Standard Pack 12	Chemical Resistance	
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 CSA Certified No Standards ANSI C119.1 UL Rating No Product Availability Joints & Splice Product Availability AMERICAS Packaging Features Standard Pack 12	Operation/Application	
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 CSA Certified No Standards ANSI C119.1 UL Rating No Product Availability Joints & Splice Product Availability AMERICAS Standard Pack Standard Pack Standard Pack	Emission Free	Yes
Low Smoke Emission Mechanical Resistance Against Mechanical Impact UV-Stabilized Yes Joint & Splice Application Type Inline Industry Standards CSA Certified No Standards ANSI C119.1 UL Rating No Product Availability Joints & Splice Product Availability AMERICAS Standard Pack Standard Pack 12	Thermal Resistance	Applicable for High Temperatures, Flame-
Mechanical Resistance UV-Stabilized Yes Joint & Splice Application Type Inline Industry Standards CSA Certified No Standards ANSI C119.1 UL Rating No Product Availability Joints & Splice Product Availability AMERICAS Standard Pack 12	Non-Toxic & Non-Corrosive Emission	Yes
UV-Stabilized Yes Joint & Splice Application Type Inline Industry Standards CSA Certified No Standards ANSI C119.1 UL Rating No Product Availability Joints & Splice Product Availability AMERICAS Packaging Features Standard Pack 12	Low Smoke Emission	Yes
Joint & Splice Application Type Industry Standards CSA Certified No Standards ANSI C119.1 UL Rating No Product Availability Joints & Splice Product Availability AMERICAS Standard Pack 12	Mechanical Resistance	Against Mechanical Impact
Industry Standards CSA Certified No Standards ANSI C119.1 UL Rating No Product Availability Joints & Splice Product Availability AMERICAS Packaging Features Standard Pack 12	UV-Stabilized	Yes
CSA Certified No Standards ANSI C119.1 UL Rating No Product Availability Joints & Splice Product Availability AMERICAS Packaging Features Standard Pack 12	Joint & Splice Application Type	Inline
Standards ANSI C119.1 UL Rating No Product Availability Joints & Splice Product Availability AMERICAS Packaging Features Standard Pack 12	Industry Standards	
UL Rating No Product Availability Joints & Splice Product Availability AMERICAS Packaging Features Standard Pack 12	CSA Certified	No
Product Availability Joints & Splice Product Availability AMERICAS Packaging Features Standard Pack 12	Standards	ANSI C119.1
Joints & Splice Product Availability AMERICAS Packaging Features Standard Pack 12	UL Rating	No
Packaging Features Standard Pack 12	Product Availability	
Standard Pack 12	Joints & Splice Product Availability	AMERICAS
	Packaging Features	
Packaging Quantity 12	Standard Pack	12
	Packaging Quantity	12



Packaging Method	Pieces in Polybag
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: JUNE 2023 (235) Candidate List Declared Against: JUN 2016 (169) Does not contain REACH SVHC
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





TE Part # E13495-000 GELWRAP-33/10-150(B6)



TE Part # A36570-000 GELWRAP-33/10-250(B6)



TE Part # D70973-000 GELWRAP-33/10-350(B10)





TE Part # C16223-000 GELWRAP-33/10-200(B6)-DE



TE Part # C28893-000 GELWRAP-33/10-250(B6)-DE



TE Part # CA1421-000 GELWRAP-33/10-250(B12)

Also in the Series | RAYCHEM GelWrap

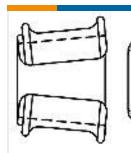


Joints & Splices(24)

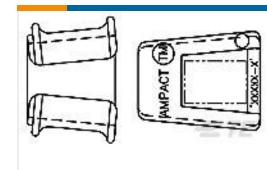
Customers Also Bought



TE Part #1-602031-7 AMPACT Wedge Pressure Tap Connectors



TE Part #602380-3 AMPACT Tap 350-1/0



TE Part #602380-2 AMPACT Tap 350-2



TE Part #A36570-000 GELWRAP-33/10-250(B6)



TE Part #446451-000 GTAP-2(B18)



TE Part #408971-000 GILS-4/0(B18)



TE Part #033233-000 ESC-3/A-(B40)





TE Part #357819-000 RDSS-150-PACK

Documents

Product Drawings
GELWRAP-33/10-300(B12)

English

Datasheets & Catalog Pages

GELWRAP-WRAPAROUND-SLEEVE-CABLE-ACCESSORIES

English