CH6881-000 ✔ ACTIVE

Raychem

TE Internal #: CH6881-000

Joints & Splices, EMEA / ASIA / ANZPAC, Cold Shrink / Cold Applied, ≤ 1 kV, LV Gel Joint, Cross-Section Range 1.5 – 6 mm², Polymeric

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Energy & Power > Power Cable Accessories > Joints & Splices

Joints & Splice Product Availability: **AMERICAS, ANZPAC, ASIA, China, EMEA**

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

Joints & Splice Voltage Class: **≤ 1 kV**

Joints & Splice Product Type: **LV Gel Joint**

Cross-Section Range: **1.5 – 6 mm²**

Features

Product Type Features

Case Seal	Gel
Tap Geometry	Parallel
Filler	PowerGel
Cable Seal	Gel
Joints & Splice Technology	Cold Applied, Cold Shrink
Joints & Splice Product Type	LV Gel Joint
Insulation	Polymeric
Mechanical Connectors Included	Yes
Closing Method	Snap
Connector Type	Connector Block
Strain Relief	Yes

Configuration Features

Number of Branch Wires (Max)	5
Number of Main Wires (Max)	5

Electrical Characteristics

Joints & Splice Voltage Class	≤ 1 kV

Body Features

Partition Orientation	Horizontal/Vertical
Color	Black

Dimensions

Branch Cable Diameter (Min)	9 mm
Cable Diameter (Min) (Main)	8 mm
Branch Cable Cross-Section (Max)	6 mm²
Branch Cable Diameter (Max)	21 mm
Branch Cable Cross-Section (Min)	1.5 mm²
Cross-Section Range	1.5 – 6 mm²
Cable Cross-Section (Max) (Main)	6 mm²
Cable Cross-Section (Min) (Main)	1.5 mm²
Cable Diameter (Max) (Main)	22 mm

Usage Conditions

Operating Temperature Range	-20 – 55 °C
Chemical Resistance	Water & Humic Acids

Operation/Application

Non-Toxic & Non-Corrosive Emission Isocyanate-Free	Yes
Solvent-Free	Yes
Marine-Offshore-Shipbuilding Certified	No
Emission Free Label-Free Acc (REACH & CLP)	Yes
Low Smoke Emission	No
Halogen Free	Yes
UV-Stabilized	Yes
Silicone-Free	No
Free of Lead, Cadmium, Heavy Metals	Yes

Industry Standards

CSA Certified	No
Standards	EN 50393
UL Rating	No

Product Availability

Joints & Splice Product Availability	AMERICAS, ANZPAC, ASIA, China, EMEA
Minimum Order Quantity	1

Packaging Features

Minimum Packaging Unit	1
Packaging Quantity	1
Packaging Method	Cardbox

Other

Other Colors Available	No
Product Use	Outdoor, Overhead & Direct Buried

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 2021 (211) Candidate List Declared Against: JUN 2018 (191) 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 # CH6882-000
RAYGEL-PLUS-3

TE Part # CH6880-000
RAYGEL-PLUS-1

TE Part # CH6879-000
RAYGEL-PLUS-0

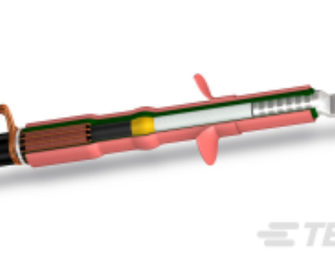
TE Part # EH9930-000
RAYGEL-PLUS-1.5

TE Part # EH9931-000
RAYGEL-PLUS-1.5-D

TE Part # EH9932-000
RAYGEL-PLUS-1.5-CB5

Customers Also Bought

TE Part #T4112002081-000
M12,FEMALE,RA,A CODE,8P,PG9, GOLD

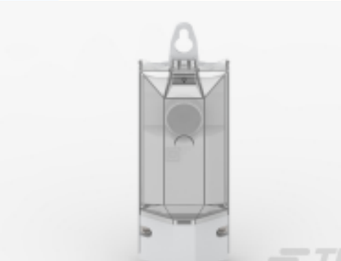


TE Part #170347-005
OXSU-F3131

TE Part #122998-000
MWTM-180/60-1000/S(S5)

TE Part #122014N001
603W040/S(S5)

TE Part #186727-000
IXSU-F3324



TE Part #087626-000
EKM-2040-1D1-5X10

TE Part #096434-000
402W533/S(S10)

TE Part #1-1768050-0
ZUB-01

TE Part #1106408-3
HIP-K.3/4.STO.1.M20.G

Documents

Product Drawings

RAYGEL-PLUS-2

English

Datasheets & Catalog Pages

RayGel Plus Brochure

French

RayGel Plus Brochure

English

RayGel Plus Brochure

German

RAYGEL PLUS - CABLE JOINTS FILLED WITH POWERGEL FOR SINGLE AND MULTI-CORE POLYMERIC CABLES 0.6/1 KV

English