

# CGPE-105-1/8-2-SP ✓ ACTIVE

RAYCHEM | RAYCHEM CGPE

TE Internal #: 0424744001

Red, 2:1, Single Wall Tubing, Shrinks To .062 in [1.57 mm],  
Irradiated Modified Polyolefin, .125 in [3.17 mm] Inner Diameter,  
RAYCHEM CGPE

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Heat Shrink Tubing > CGPE Heat Shrink Tubing



Primary Product Color: **Red**

Wall Type: **Single Wall**

Expanded Inside Diameter (Min): **3.17 mm [ .125 in ]**

Recovered Inside Diameter (Max): **1.57 mm [ .062 in ]**

Shrink Ratio: **2:1**

[All CGPE Heat Shrink Tubing \(24\)](#)

## Features

### Product Type Features

Wall Type	Single Wall
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### Electrical Characteristics

Operating Voltage (Max)	.6 kV
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### Body Features

Fluid Type	Brake Fluid, Water
Primary Product Color	Red
Shrink Ratio	2:1
Primary Product Material	Irradiated Modified Polyolefin
Flexibility	Flexible

### Dimensions

Recovered Wall Thickness (Tolerance)	.15 mm[.006 in]
Recovered Wall Thickness (Nominal)	.5 mm[.02 in]
Expanded Inside Diameter (Min)	3.17 mm[.125 in]
Recovered Inside Diameter (Max)	1.57 mm[.062 in]

### Usage Conditions

Shrink Temperature (Min)	85 °C
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Tubing Flammability Type	Non-Flame-Retardant
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Operating Temperature Range	-70 – 105 °C
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Recovery Temperature	100 °C
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### Operation/Application

Mechanical Resistance	Fluids, Mechanical Damage, Strain Relief
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### Product Availability

Applicable Region	Global
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### Packaging Features

Packaging Method	Spool
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### Other

Meets Low Outgassing Requirements	No
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Product Source	US
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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: JUNE 2023 (235) Candidate List Declared Against: JUNE 2023 (235) 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
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Solder Process Capability	Not applicable for solder process capability
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#### Product Compliance Disclaimer

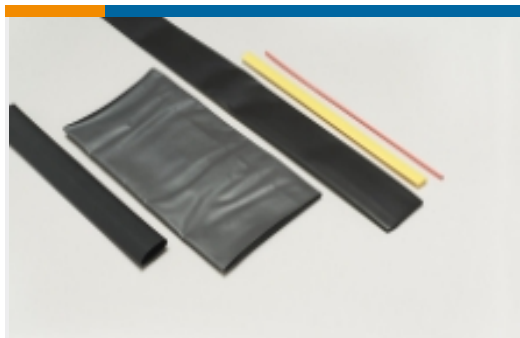
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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



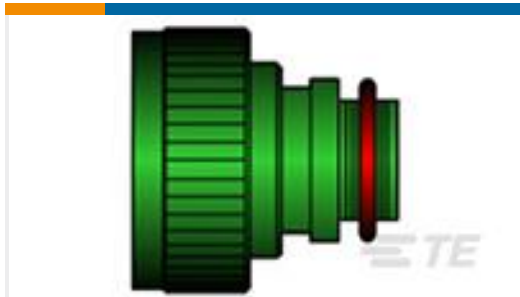
TE Part # EG1114-000  
CV1981-ST-230V1600W-EU

## Also in the Series | RAYCHEM CGPE



Heat Shrink Tubing(2)

## Customers Also Bought



TE Part #CB4935-000  
TXR40AZ00-1004AI



TE Part #4685294002  
CGPE-105-1/8-4-SP



TE Part #4429524009  
DWP-125-1/8-0-SP



TE Part #1825059-3  
ADF02SAT04=DIP SW,FLUSH,SMT-JL



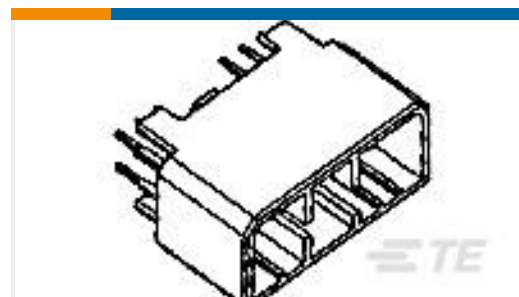
TE Part #2151457-1  
OCEAN\_2.0\_APPLICATOR-S-095F173O



TE Part #2266351-1  
OCEAN\_2.0\_APPLICATOR-S-054F074F



TE Part #1393779-8  
V23101D 4A201



TE Part #1-174960-6  
070 MLC CAP ASSY V 20P GRAY

## Documents

### Product Drawings

CGPE-105-1/8-2-SP

English



[Product Specifications](#)

[Quality Specification](#)

English