



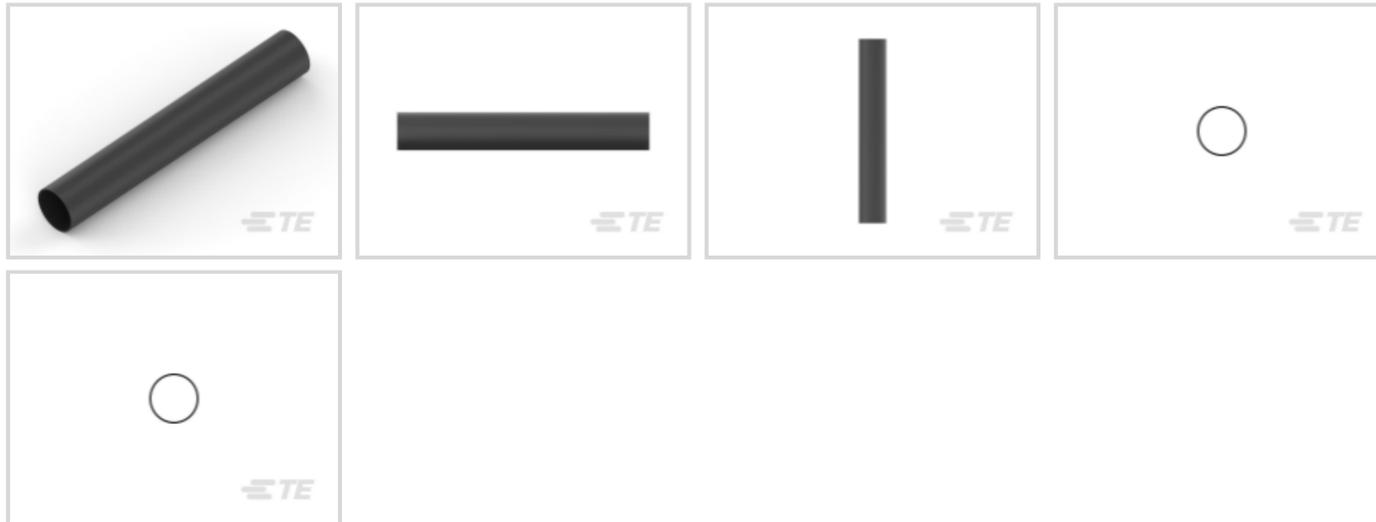
RAYCHEM | RAYCHEM CGPE-105

TE Internal #: 5223654002

Heat Shrink Tubing, Clear, Single Wall, .5 in [12.7 mm] Expanded Inside, .25 in [6.35 mm] Recovered Inside, 2:1 Shrink Ratio, RAYCHEM CGPE-105

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Heat Shrink Tubing



Primary Product Color: **Clear**

Wall Type: **Single**

Expanded Inside Diameter (Min): **12.7 mm [ .5 in ]**

Recovered Inside Diameter (Max): **6.35 mm [ .25 in ]**

Shrink Ratio: **2:1**

**Features**

**Product Type Features**

Product Family	CGPE-105
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Wall Type	Single
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**Electrical Characteristics**

Voltage (Max)	.6 kV
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**Body Features**

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

Recovered Wall Thickness (Tolerance)	.15 mm[.006 in]
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Recovered Wall Thickness (Nominal)	.64 mm[.025 in]
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Expanded Inside Diameter (Min)	12.7 mm[.5 in]
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Recovered Inside Diameter (Max)	6.35 mm [.25 in]
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### Usage Conditions

Shrink Temperature (Min)	85 °C
Fluid Resistance	Splash Protection
Heat Shrink Tubing Flammability	Non-Flame-Retardant
Operating Temperature Range	-70 – 105 °C
Heat Shrink Tubing Resistance	Fluids, Mechanical Damage, Strain Relief
Recovery Temperature	100 °C

### Product Availability

Applicable Region	Global
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### Packaging Features

Packaging Method	Spool
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### Other

Meets Low Outgassing Requirements	No
Product Source	US

## 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 2022 (224) Candidate List Declared Against: JAN 2022 (223) Does not contain REACH SVHC
Halogen Content	BFR/CFR/PVC Free, but Br/Cl >900 ppm in other sources.
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

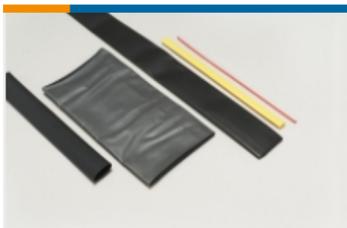


TE Part # CJ2087-000  
HL2010E-KIT-120V



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

## Also in the Series | RAYCHEM CGPE-105



Heat Shrink Tubing(19)

## Documents

### Product Drawings

[CGPE-105-1/2-X-SP](#)

English

### Datasheets & Catalog Pages

[Measuring\\_Single\\_Wall\\_Tubing](#)

English

[Selecting\\_Correct\\_Tubing](#)

English

### Product Specifications

[Product Specification](#)

English