



Heat Shrink Tubing > CGPT 2:1 Heat Shrink Tubing



Tubing Product Type: **Heat Shrink Tubing**

Primary Product Color: **Black**

Shrink Ratio: **2:1**

Wall Type: **Single Wall**

Recovered Inside Diameter (Max): **4.8 mm [.189 in]**

[All CGPT 2:1 Heat Shrink Tubing \(257\)](#)

## Features

### Electrical Characteristics

|                         |       |
|-------------------------|-------|
| Operating Voltage (Max) | .6 kV |
|-------------------------|-------|

### Usage Conditions

|                             |                 |
|-----------------------------|-----------------|
| Shrink Temperature (Min)    | 80 °C           |
| Tubing Flammability Type    | Flame-Retardant |
| Operating Temperature Range | -40 – 135 °C    |
| Recovery Temperature        | 120 °C          |

### Dimensions

|                                      |                              |
|--------------------------------------|------------------------------|
| Recovered Wall Thickness (Nominal)   | .65 mm[.026 in]              |
| Recovered Wall Thickness (Tolerance) | .15 mm[.006 in]              |
| Recovered Inside Diameter (Max)      | 4.8 mm[.189 in]              |
| Expanded Inside Diameter (Min)       | 9.5 mm[.374 in]              |
| Tubing Size Range                    | 4.8 – 9.5 mm[.189 – .374 in] |

### Body Features

|                       |                                            |
|-----------------------|--------------------------------------------|
| Fluid Type            | Lubricating Oil, Hydraulic Fluid, Gasoline |
| Primary Product Color | Black                                      |
| Shrink Ratio          | 2:1                                        |



|                          |                                |
|--------------------------|--------------------------------|
| Primary Product Material | Irradiated Modified Polyolefin |
|--------------------------|--------------------------------|

|             |          |
|-------------|----------|
| Flexibility | Flexible |
|-------------|----------|

### Product Type Features

|                     |                    |
|---------------------|--------------------|
| Tubing Product Type | Heat Shrink Tubing |
|---------------------|--------------------|

|           |             |
|-----------|-------------|
| Wall Type | Single Wall |
|-----------|-------------|

### Packaging Features

|                  |     |
|------------------|-----|
| Packaging Method | Box |
|------------------|-----|

### Operation/Application

|                       |                                          |
|-----------------------|------------------------------------------|
| Mechanical Resistance | Mechanical Damage, Strain Relief, Fluids |
|-----------------------|------------------------------------------|

### Product Availability

|                   |            |
|-------------------|------------|
| Applicable Region | EMEA, Asia |
|-------------------|------------|

### Other

|                                   |    |
|-----------------------------------|----|
| Meets Low Outgassing Requirements | No |
|-----------------------------------|----|

|                |                |
|----------------|----------------|
| Product Source | Czech Republic |
|----------------|----------------|

|                    |           |
|--------------------|-----------|
| EU RoHS Compliance | Compliant |
|--------------------|-----------|

|                   |           |
|-------------------|-----------|
| EU ELV Compliance | Compliant |
|-------------------|-----------|

### 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 2024 (241)<br>Candidate List Declared Against: JUNE 2024 (241)<br>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

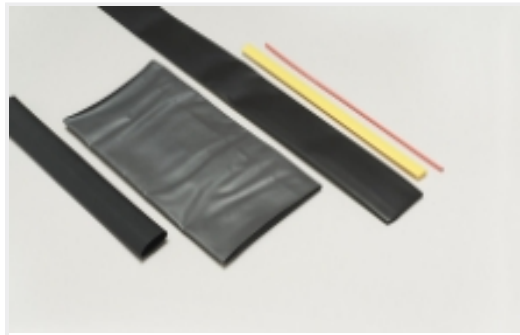
limits as defined in the Annexes of Directive 2011/65/EU (RoHS2). Finished electrical and electronic equipment products will be CE marked as required by Directive 2011/65/EU. Components may not be CE marked. Additionally, the part numbers that TE has identified as EU ELV compliant have a maximum concentration 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 # EG1114-000  
CV1981-ST-230V1600W-EU

## Also in the Series | RAYCHEM CGPT



Heat Shrink Tubing(342)



Orange Heat Shrink Tubing(1)



Power Cable Tubing & Accessories(8)



Single Wall Tubing(341)

## Customers Also Bought



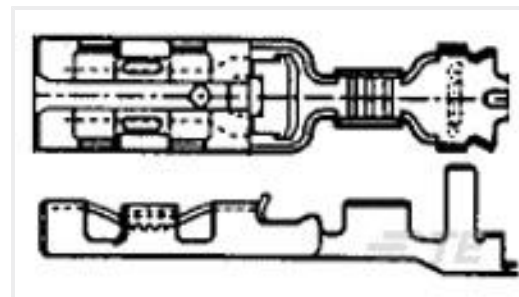
TE Part #5054062011  
RNF-100-1/8-1-STK



TE Part #1623169-1  
CRG0805 1% 270R



TE Part #7-1676480-4  
CRG0402 1% 560R



TE Part #353249-2  
110 PL EX REC. 26-22AWG PTPHBZ



## Documents

### Product Drawings

[CGPT-9.5/4.8-0-FSP](#)

English

### Datasheets & Catalog Pages

[cgpt-tubing](#)

English

### Product Specifications

[Application Specification](#)

English