



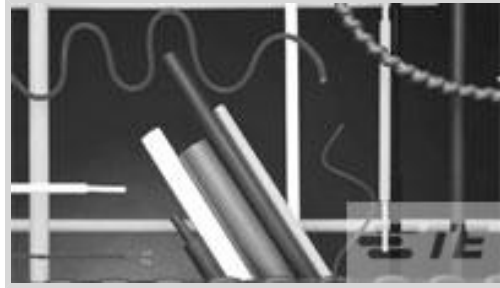
RAYCHEM | RAYCHEM CGPT

TE Internal #: 2452204001

Heat Shrink Tubing, White, Single Wall, .5 in [12.7 mm] Expanded Inside, .25 in [6.4 mm] Recovered Inside, 2:1 Shrink Ratio, RAYCHEM CGPT

[View on TE.com >](#)

Heat Shrink Tubing > Dual Wall DWTC Spool Heat Shrink Tubing



Primary Product Color: **White**

Wall Type: **Single**

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

Recovered Inside Diameter (Max): **6.4 mm [ .25 in ]**

Shrink Ratio: **2:1**

[All Dual Wall DWTC Spool Heat Shrink Tubing \(28\)](#)

## Features

### Product Type Features

Product Family	CGPT
Wall Type	Single

### Electrical Characteristics

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

Fluid Type	Gasoline, Hydraulic Fluid, Lubricating Oil
Primary Product Color	White
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)	.65 mm[.026 in]
Expanded Inside Diameter (Min)	12.7 mm[.5 in]
Recovered Inside Diameter (Max)	6.4 mm[.25 in]
Heat Shrink Tubing Size Range	6.4 – 12.7 mm[.25 – .5 in]



### Usage Conditions

Shrink Temperature (Min)	80 °C
Fluid Resistance	Splash Protection
Heat Shrink Tubing Flammability	Flame-Retardant
Operating Temperature Range	-40 – 135 °C
Heat Shrink Tubing Resistance	Fluids, Mechanical Damage, Strain Relief
Recovery Temperature	120 °C

### Product Availability

Applicable Region	Asia, EMEA
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### Packaging Features

Packaging Method	Flat Spool
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### Other

Meets Low Outgassing Requirements	No
Product Source	Czech Republic

### 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: JUNE 2022 (224) Does not contain REACH SVHC
Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
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

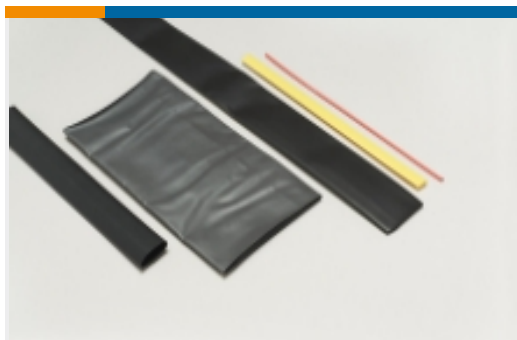


TE Part # CJ2087-000  
HL2010E-KIT-120V



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

### Also in the Series | RAYCHEM CGPT



Heat Shrink Tubing(338)



Power Cable Tubing & Accessories(93)

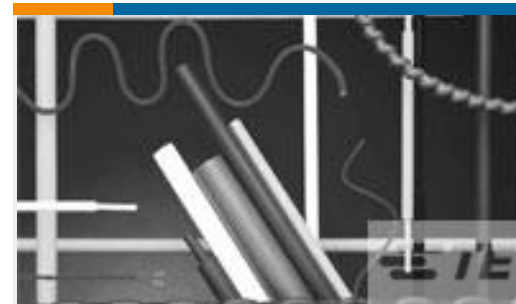
### Customers Also Bought



TE Part #7829644001  
Dual Wall DWTC Spool Heat Shrink Tubing



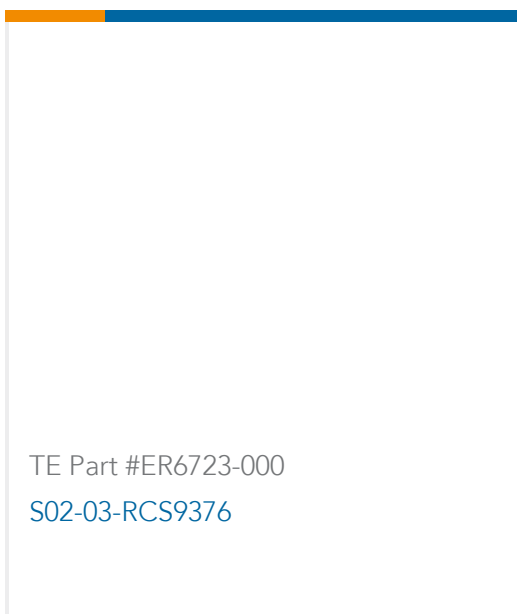
TE Part #EC1913-000  
D-SCE Fluid Resistant Sleeves



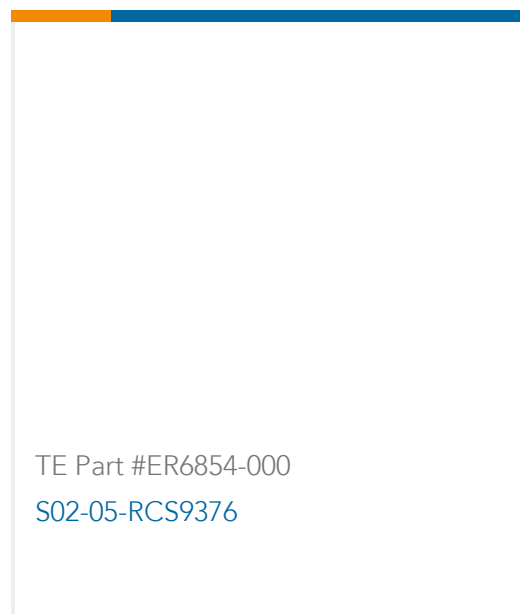
TE Part #5068004001  
CGPT-38/19-9-SP



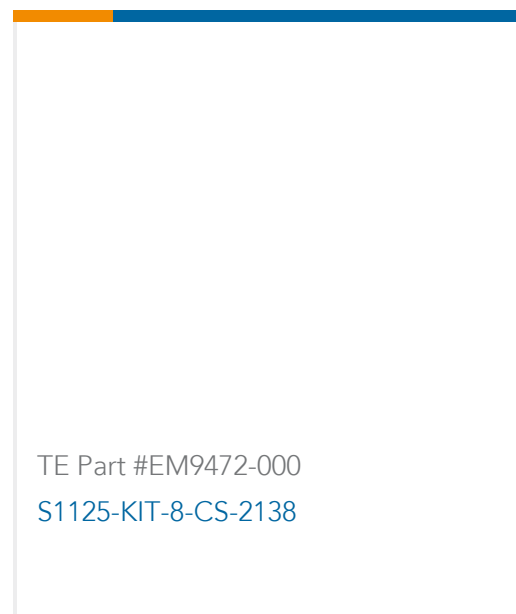
TE Part #2600154013  
ATUM-19/6-2-SP



TE Part #ER6723-000  
S02-03-RCS9376



TE Part #ER6854-000  
S02-05-RCS9376



TE Part #EM9472-000  
S1125-KIT-8-CS-2138

### Documents

Product Drawings



## CGPT-12.7/6.4-9-FSP

English

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### Datasheets & Catalog Pages

[CGPT Pages from 9-1773447-9](#)

English

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

English

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

English

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### Product Specifications

[Quality Specification](#)

English