# ZH-100-1/8-0-SP ✔ ACTIVE

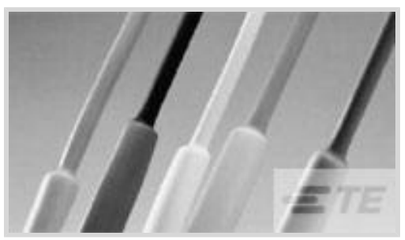
RAYCHEM | RAYCHEM ZH-100

TE Internal #: 5220234001

Heat Shrink Tubing, Black, 2:1, Single Wall, Shrinks To 1.6 mm [.062 in], Irradiated Modified Polyolefin, RAYCHEM ZH-100

View on TE.com >

Heat Shrink Tubing > ZH-100 Heat Shrink Tubing



Tubing Product Type: **Heat Shrink Tubing**

Primary Product Color: **Black**

Wall Type: **Single Wall**

Expanded Inside Diameter (Min): **3.2 mm [ .125 in ]**

Recovered Inside Diameter (Max): **1.6 mm [ .062 in ]**

All ZH-100 Heat Shrink Tubing (16)

## Features

### Product Type Features

| | |
|---|---|
| Tubing Product Type | Heat Shrink Tubing |
| Wall Type | Single Wall |

### Electrical Characteristics

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

### Body Features

| | |
|---|---|
| Fluid Type | Gasoline, Hydraulic Fluid, Water |
| Primary Product Color | Black |
| Shrink Ratio | 2:1 |
| Primary Product Material | Irradiated Modified Polyolefin |
| Flexibility | Flexible |

### Dimensions

| | |
|---|---|
| Recovered Wall Thickness (Nominal) | .5 mm[.019 in] |
| Recovered Wall Thickness (Tolerance) | .1 mm[.004 in] |
| Expanded Inside Diameter (Min) | 3.2 mm[.125 in] |
| Recovered Inside Diameter (Max) | 1.6 mm[.062 in] |
| Tubing Size Range | 1.6 – 3.2 mm[.062 – .125 in] |

### Usage Conditions

| | |
|---|---|
| Shrink Temperature (Min) | 80 °C |
| Tubing Flammability Type | Flame-Retardant |
| Operating Temperature Range | -30 – 105 °C[-22 – 221 °F] |
| Recovery Temperature | 120 °C |

### Operation/Application

| | |
|---|---|
| Mechanical Resistance | Fluids, Mechanical Damage |

### Product Availability

| | |
|---|---|
| Applicable Region | Global |

### Packaging Features

| | |
|---|---|
| Packaging Method | Reel |

### 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 | 有害物质含量符合标准要求 No Restricted Substance(s) Above Threshold |
| EU REACH Regulation (EC) No. 1907/2006 | Current ECHA Candidate List: JUNE 2025 (250)<br>Candidate List Declared Against: JUNE 2025 (250)<br>Does not contain REACH SVHC |
| Halogen Content | Low Halogen - Br, Cl, F < 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

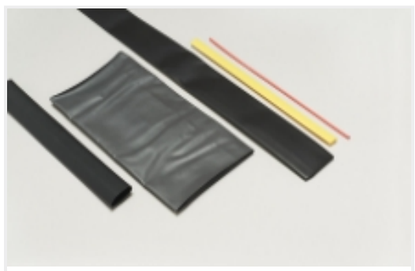
on SVHC in articles for this part number is based on the latest European Chemicals Agency (ECHA) 'Guidance on requirements for substances in articles' posted at this URL: https://echa.europa.eu/guidance-documents/guidance-on-reach

## Compatible Parts



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

## Also in the Series | RAYCHEM ZH-100

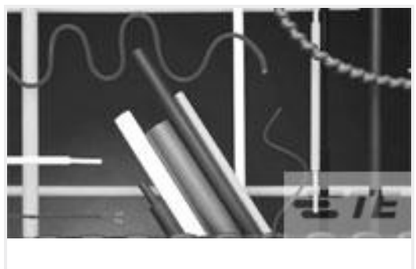


Heat Shrink Tubing(16)



Single Wall Tubing(16)

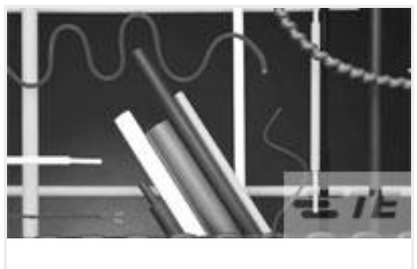
## Customers Also Bought



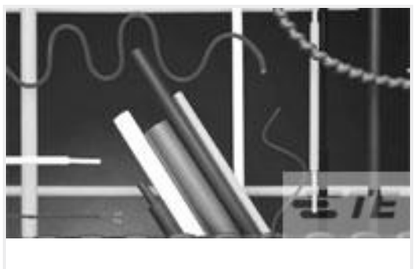
TE Part #5038114002
DCPT-12/6-45-SP



TE Part #7344214001
RNF-3000-18/6-X-SP



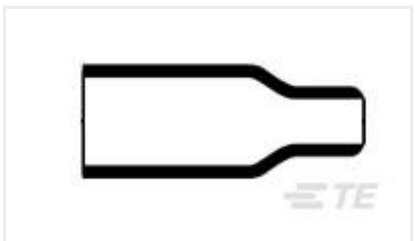
TE Part #5068104006
CGPT-19/9.5-2-SP



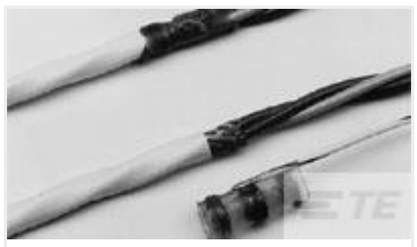
TE Part #5069764008
CGPT-25.4/12.7-X-SP



TE Part #F93116-000
HX-SCE-2.5K-6.4-50-S1-4



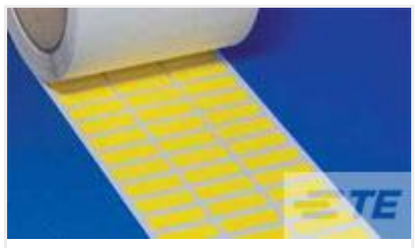
TE Part #479613-000
202A121-25/225-0



TE Part #796275-000
CWT-13



TE Part #CAT-HST-ZH100
ZH-100 Heat Shrink Tubing



TE Part #9-1768017-1
EET-0820G-4

## Documents

### Product Drawings

ZH-100-1/8-0-SP

English

### Datasheets & Catalog Pages

Application Tooling for Raychem Heat Shrink Product

English

ZH-100 Tubing

English

### Product Specifications

Quality Specification

English