

ZH-100-1/8-0-SP

✓ ACTIVE

RAYCHEM | RAYCHEM ZH-100

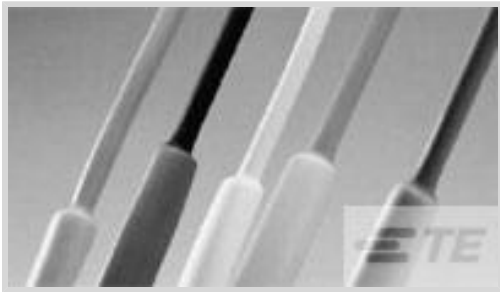
TE Internal #: 5220234001

Heat Shrink Tubing, Black, Single Wall, .125 in [3.2 mm] Expanded Inside, .062 in [1.6 mm] Recovered Inside, 2:1 Shrink Ratio, RAYCHEM ZH-100

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Heat Shrink Tubing



Primary Product Color: **Black**

Wall Type: **Single**

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

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

Shrink Ratio: **2:1**

Features

Product Type Features

|                |        |
|----------------|--------|
| Product Family | ZH-100 |
| Wall Type      | Single |

Electrical Characteristics

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

Usage Conditions

|                          |       |
|--------------------------|-------|
| Shrink Temperature (Min) | 80 °C |
|--------------------------|-------|

|                                 |                           |
|---------------------------------|---------------------------|
| Fluid Resistance                | Splash Protection         |
| Heat Shrink Tubing Flammability | Flame-Retardant           |
| Operating Temperature Range     | -30 – 105 °C              |
| Heat Shrink Tubing Resistance   | Fluids, Mechanical Damage |
| Recovery Temperature            | 120 °C                    |

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 | No Restricted Materials Above Threshold                                                                                        |
| EU REACH Regulation (EC) No. 1907/2006        | Current ECHA Candidate List: JUNE 2022 (224)<br>Candidate List Declared Against: JAN 2022 (223)<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

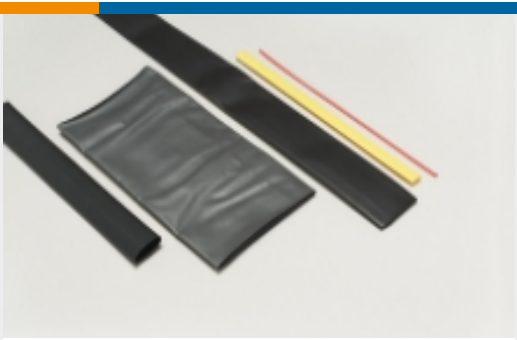


TE Part # CJ2087-000  
[HL2010E-KIT-120V](#)

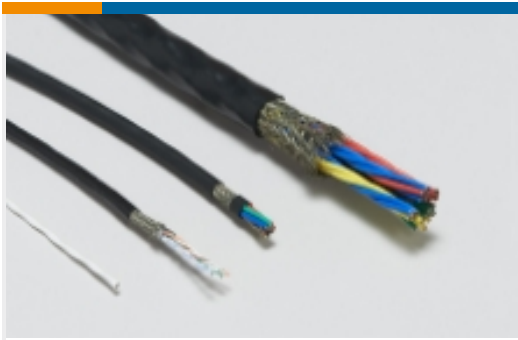


TE Part # EG1114-000  
[CV1981-ST-230V1600W-EU](#)

## Also in the Series | RAYCHEM ZH-100



[Heat Shrink Tubing\(9\)](#)



[Multicore Cable\(60\)](#)



[Primary Wire\(20\)](#)

## Documents

### Product Drawings

[ZH-100-1/8-0-SP](#)

English

### Datasheets & Catalog Pages

[ZH-100 Pages from 9-1773447-9](#)

English

### Product Specifications

[Quality Specification](#)

English