



Heat Shrink Tubing



Primary Product Color: **Black**

Wall Type: **Dual**

Expanded Inside Diameter (Min): **4.5 mm [.177 in]**

Recovered Inside Diameter (Max): **1.5 mm [.059 in]**

Shrink Ratio: **3:1**

Features

Product Type Features

Wall Type	Dual
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Body Features

Primary Product Color	Black
Shrink Ratio	3:1
Primary Product Material	Irradiated Modified Polyolefin
Flexibility	Semi-Flexible

Dimensions

Expanded Inside Diameter (Min)	4.5 mm[.177 in]
Recovered Inside Diameter (Max)	1.5 mm[.059 in]
Heat Shrink Tubing Size Range	4.5 – 1.5 mm[.177 – .06 in]

Usage Conditions

Heat Shrink Tubing Flammability	Highly Flame-Retardant
Operating Temperature Range	-55 – 110 °C
Heat Shrink Tubing Resistance	Fluids, Mechanical Damage, Strain Relief
Recovery Temperature	135 °C

Product Availability

Applicable Region	Global
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Packaging Features

Packaging Method

Reel & Box

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)

SVHC > Threshold:

DBMC (5%)

Article Safe Usage Statements:

Wash thoroughly after handling. Do not handle until all safety precautions have been read and understood. Recycle if possible and dispose of the article by following all applicable governmental regulations relevant to your geographic location.

Halogen Content

BFR/CFR/PVC Free, but Br/Cl >900 ppm in other sources.

Solder Process Capability

Not reviewed 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 # EG1118-000
CV1981-ST-120V1600W-US



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



TE Part # EG1120-000
CV1981-ST-120V1600W-UK



TE Part # EG1115-000
CV1981-ST-230V1600W-CH



TE Part # EG1116-000
CV1981-ST-230V1600W-UK



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

Also in the Series | RAYCHEM DWHF



Heat Shrink Tubing(16)

Documents

Product Drawings

DWHF-4.5/1.5-0-SP

English

Datasheets & Catalog Pages

DWHF Tubing

English

Product Specifications

Quality Specification

English