ZHTM-24/12-0-SP ✔ ACTIVE

RAYCHEM

TE Internal #: 4611264003

Heat Shrink Tubing, Black, 2:1, Shrinks To 12 mm [.472 in], Chlorinated Polyolefin, Pre-Coated Wrap Jacket Wall Material

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Heat Shrink Tubing > ZHTM: Heat Shrink Tubing, 2:1 Shrink Ratio



Tubing Product Type: **Heat Shrink Tubing**

Primary Product Color: **Black**

Wall Material Type: **Pre-Coated Wrap Jacket**

Expanded Inside Diameter (Min): **24 mm [.945 in]**

Recovered Inside Diameter (Max): **12 mm [.472 in]**

All ZHTM: Heat Shrink Tubing, 2:1 Shrink Ratio (9)

Features

Product Type Features

Tubing Product Type	Heat Shrink Tubing
Wall Material Type	Pre-Coated Wrap Jacket

Body Features

Material Systems Code	100
Fluid Type	Brake Fluid, Diesel Fuel, Hydraulic Fluid, Insulating Oil, Lubricating Oil, Unleaded Gasoline, Water
Primary Product Color	Black
Shrink Ratio	2:1
Primary Product Material	Chlorinated Polyolefin
Flexibility	Flexible

Dimensions

Recovered Wall Thickness (Nominal)	1.1 mm[.043 in]
Expanded Inside Diameter (Min)	24 mm[.945 in]
Recovered Inside Diameter (Max)	12 mm[.472 in]
Tubing Size Range	12 – 24 mm[.472 – .945 in]

Usage Conditions

Shrink Temperature (Min)	121 °C

Tubing Flammability Type	Flame-Retardant
Operating Temperature Range	-30 – 105 °C[-22 – 221 °F]
Recovery Temperature	121 °C

Operation/Application

Mechanical Resistance	Mechanical Damage

Packaging Features

Packaging Method	Piece

Other

Meets Low Outgassing Requirements	No
Product Source	US

Product Compliance

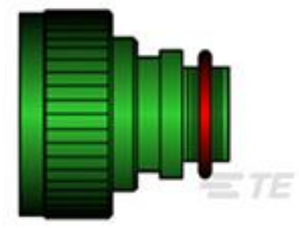
For compliance documentation, visit the product page on TE.com>

EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Out of Scope
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) Candidate List Declared Against: JUNE 2025 (250) 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

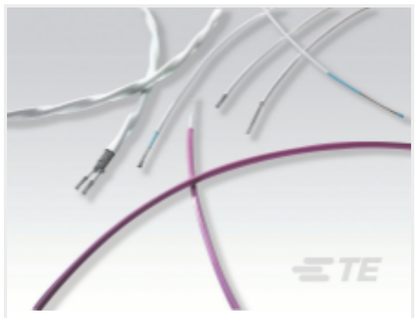
Customers Also Bought



TE Part #129103-000
TXR54AB00-3222AI



TE Part #CAT-R21-T79072
ZHTM: Heat Shrink Tubing, 2:1 Shrink Ratio



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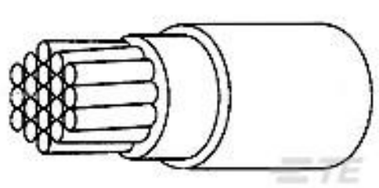
TE Part #838503-000
55PC0111-26-9



TE Part #4099723001
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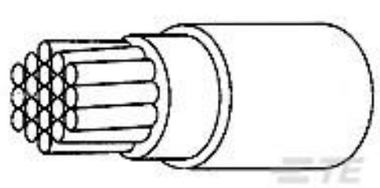

TE Part #E257433001
VG-95218-T020-E029



TE Part #CD79583001
VG-95218-T023-C019



TE Part #1-292135-2
CT BOX HDR V ASSY 12P SHORT TIN

Documents

Product Drawings

ZHTM-24/12-0-SP

English

Datasheets & Catalog Pages

raychem-tubing-product-selection-guide

English

1654025_Sec3_ZHTM

English

Product Specifications

Thermofit Zerohal ZHTM Tubing Elastomeric, Halgen-Free, Flame-Retarded, Flexible, Heat-Shrinkable

English

ZHTM SLEEVING

English