

ES1000-NO.1-C1-X-100MM ✓ ACTIVE

RAYCHEM | RAYCHEM ES1000

TE Internal #: 193197P021

Heat Shrink Tubing, Clear, 4:1, Dual Wall Tubing, Shrinks To 1.27 mm [.05 in], Irradiated Modified Polyolefin, RAYCHEM ES1000

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Heat Shrink Tubing > ES1000 Heat Shrink Tubing



Tubing Product Type: **Heat Shrink Tubing**

Primary Product Color: **Clear**

Shrink Ratio: **4:1**

Wall Type: **Dual Wall**

Recovered Inside Diameter (Max): **1.27 mm [.05 in]**

[All ES1000 Heat Shrink Tubing \(47\)](#)

Features

Electrical Characteristics

Operating Voltage (Max)	.6 kV
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Usage Conditions

Resistance Properties	Moisture
Shrink Temperature (Min)	110 °C
Tubing Flammability Type	Non-Flame-Retardant
Operating Temperature Range	-40 – 130 °C
Recovery Temperature	135 °C

Dimensions

Product Length	100 mm[3.937 in]
Recovered Wall Thickness (Tolerance)	1.2 mm[.047 in]
Recovered Inside Diameter (Max)	1.27 mm[.05 in]
Expanded Inside Diameter (Min)	5.72 mm[.225 in]
Tubing Size Range	1.27 – 5.72 mm[.05 – .225 in]

Body Features

Fluid Type	Water
Primary Product Color	Clear



Shrink Ratio	4:1
Primary Product Material	Irradiated Modified Polyolefin
Flexibility	Semi-Rigid

Product Type Features

Tubing Product Type	Heat Shrink Tubing
Wall Type	Dual Wall

Packaging Features

Packaging Method	Piece
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Operation/Application

Mechanical Resistance	Mechanical Damage, Strain Relief, Fluids, Abrasion
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Product Availability

Applicable Region	Global
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Other

Meets Low Outgassing Requirements	No
Product Source	China, Czech Republic
EU RoHS Compliance	Compliant
EU ELV Compliance	Compliant

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 2024 (241) Candidate List Declared Against: JUNE 2024 (241) 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

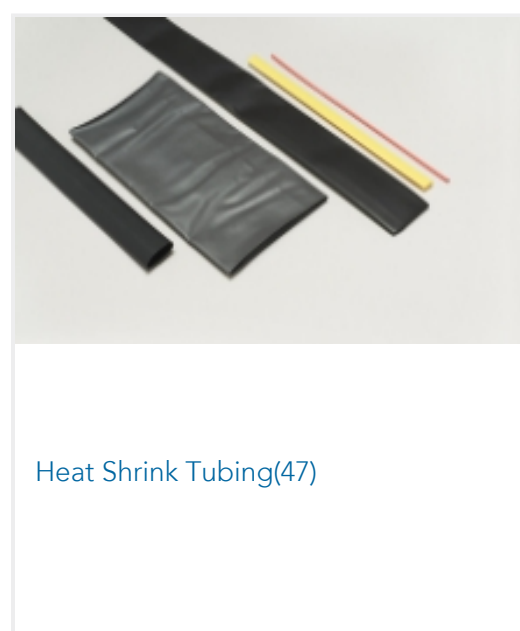
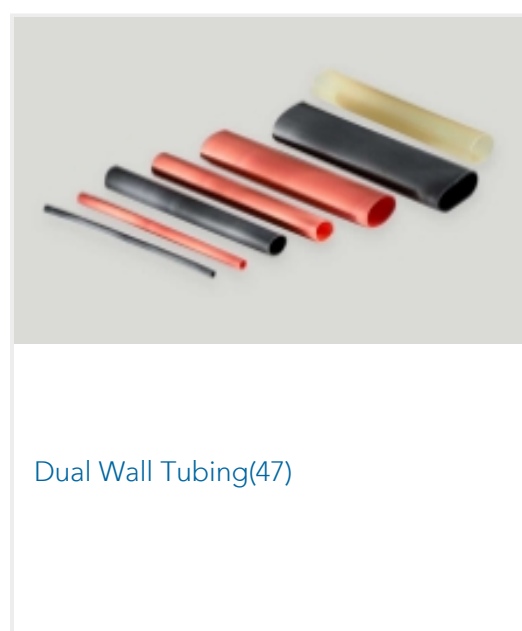


This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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>

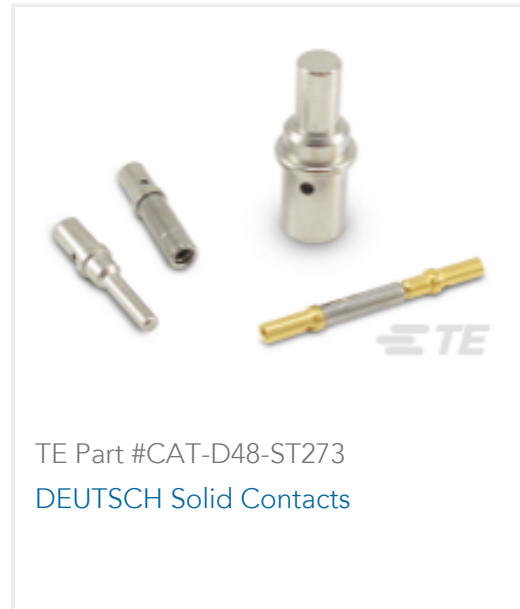
Compatible Parts



Also in the Series | RAYCHEM ES1000



Customers Also Bought



Documents

Product Drawings

[ES1000-NO.1-C1-X-100MM](#)

English

Datasheets & Catalog Pages

[Measuring_Single_Wall_Tubing](#)

English

[Selecting_Correct_Tubing_1216](#)

English

[ES1000](#)

English

Product Specifications

[Application Specification](#)

English