



Raychem | Raychem ES-2000

TE Internal #: 829131P021

Raychem ES-2000, Heat Shrink Tubing, Dual Wall, 5.72mm [.225in]

Expanded Inside Diameter, .05in [1.27mm] Recovered Inside

Diameter, Bag/Box

[View on TE.com >](#)

Heat Shrink Tubing



Wall Type: **Dual**

Expanded Inside Diameter (Min): 5.72 mm [.225 in]

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

Packaging Method: **Bag/Box**

Flammability: **Flame-Retardant**

Features

Product Type Features

Product Family	ES2000
Wall Type	Dual

Electrical Characteristics

Voltage (Max)	.6 kV
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Body Features

Fluid Type	Brake Fluid, Diesel Fuel, Engine Cleaner, Engine Coolant, Gasoline, Lubricating Oil, Transmission Fluid, Water, Windshield Washer Fluid
Material	Irradiated Modified Polyolefin
Shrink Ratio	4:1
Color	Black
Flexibility	Semi-Rigid

Dimensions

Recovered Wall Thickness (Tolerance)	1.2 mm[.047 in]
Cut Length	1220 mm[48.031 in]
Recovered Wall Thickness (Nominal)	1.2 mm[.047 in]
Expanded Inside Diameter (Min)	5.72 mm[.225 in]
Recovered Inside Diameter (Max)	1.27 mm[.05 in]



Size Range	1.27 – 5.72 mm [.05 – .225 in]
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Usage Conditions

Fluid Resistance	Limited Immersion Protection, Moisture /Spray Protection, Splash Protection
Shrink Temperature (Min)	110 °C
Flammability	Flame-Retardant
Operating Temperature Range	-40 – 130 °C
Resistant To	Abrasion, Fluids, Mechanical Damage, Strain
Recovery Temperature	135 °C

Product Availability

Applicable Region	Global
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Packaging Features

Packaging Method	Bag/Box
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Other

Low Outgassing	No
Product Source	Czech Republic

Product Compliance

[For compliance documentation, visit the product page on TE.com>](#)

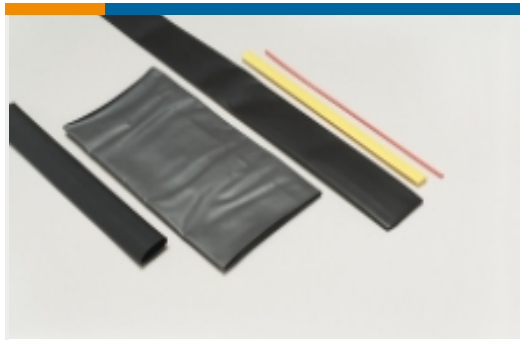
EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUN 2020 (209) Candidate List Declared Against: JUN 2020 (209) Does not contain REACH SVHC
Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
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>

Also in the Series | Raychem ES-2000



Heat Shrink Tubing(140)

Customers Also Bought



TE Model / Part #130599P006
ES2000-NO.4-B7-0-STK



TE Model / Part #063725P022
ES2000-NO.2-B9-0-STK



TE Model / Part #121397P024
ES2000-NO.3-B8-0-STK



TE Model / Part #318707-1
FLOATING SHEAR



TE Model / Part #2822357-1
070 CAVITY PLUG

Documents

Product Drawings

[ES2000-NO.1-C1-0-STK](#)

English

Datasheets & Catalog Pages

[Application Tooling for Raychem Heat Shrink Product](#)

English

[ES2000 Pages from 9-1773447-9](#)



English

[Flame-Retardant, Adhesive-Lined Heat-Shrinkable Tubing \(Extended Temp. Range\)](#)

English

[Measuring_Single_Wall_Tubing](#)

English

[Selecting_Correct_Tubing](#)

English

Product Specifications

[Product Specification](#)

English

[Global Dimensional Life for RAYCHEM Heat Shrink Tubing Standard Size Products \(Customer Distribution\)](#)

English

Product Environmental Compliance

[Safety Datasheet](#)

[Safety Datasheet](#)

German

[Safety Datasheet](#)

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