



Raychem | Raychem ES-2000

TE Internal #: 063725P022

Raychem ES-2000, Heat Shrink Tubing, 7.44mm [.293in] Expanded Inside Diameter, .065in [1.65mm] Recovered Inside Diameter, Stick, Flame-Retardant

[View on TE.com >](#)

Harnessing > Heat Shrink Tubing



Expanded Inside Diameter (Min): 7.44 mm [.293 in ]

Recovered Inside Diameter (Max): 1.65 mm [.065 in ]

Packaging Method: **Stick**

Flammability: **Flame-Retardant**

Operating Temperature Range: -40 – 130 °C

## 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)	1.52 mm[.06 in]
Cut Length	1220 mm[48.031 in]
Recovered Wall Thickness (Nominal)	1.52 mm[.06 in]
Expanded Inside Diameter (Min)	7.44 mm[.293 in]
Recovered Inside Diameter (Max)	1.65 mm[.065 in]



### 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	Stick
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### Other

Low Outgassing	No
Product Source	Czech Republic, 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	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: JAN 2020 (205) Candidate List Declared Against: JAN 2020 (205) Does not contain REACH SVHC
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JAN 2020 (205) Candidate List Declared Against: JAN 2020 (205)
Halogen Content	Not Yet Reviewed for halogen content
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 Regulations, TE's information on SVHC in articles for this part number is still based on the European Chemical Agency (ECHA) 'Guidance on requirements for substances in articles' (Version: 2, April 2011), applying the 0.1% weight on weight concentration threshold at the finished product level. TE is aware of the European Court of Justice ruling of September 10th, 2015 also known as O5A (Once An Article Always An Article) stating that, in case of 'complex object', the threshold for a SVHC must be applied to both the product as a whole and simultaneously to each of the articles forming part of its composition. TE has evaluated this ruling based on the new ECHA "Guidance on requirements for substances in articles" (June 2017, version 4.0) and will be updating its statements accordingly.

## 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 #931901-000  
[2021D0309-0](#)



TE Model / Part #121397P024  
[ES2000-NO.3-B8-0-STK](#)



TE Model / Part #829131P021  
[ES2000-NO.1-C1-0-STK](#)

## Documents

### Product Drawings

[ES2000-NO.2-B9-0-STK](#)

English

### Datasheets & Catalog Pages

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

English

### Application Tooling for Raychem Heat Shrink Product

English

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

English

### Measuring\_Single\_Wall\_Tubing



English

[Selecting\\_Correct\\_Tubing](#)

English

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### Product Specifications

[Product Specification](#)

English

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

English

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### Product Environmental Compliance

[Safety Datasheet](#)

English

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