

# ES1000-NO.1-C1-X-20MM ✓ ACTIVE

RAYCHEM | RAYCHEM ES-1000

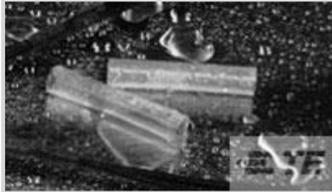
TE Internal #: 193197P007

Heat Shrink Tubing, Clear, Dual Wall, .225 in [5.72 mm] Expanded Inside, .051 in [1.3 mm] Recovered Inside, 4:1 Shrink Ratio, RAYCHEM ES-1000

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Heat Shrink Tubing



Primary Product Color: **Clear**

Wall Type: **Dual**

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

Recovered Inside Diameter (Max): **1.3 mm [ .051 in ]**

Shrink Ratio: **4:1**

## Features

### Product Type Features

Product Family	ES1000
Wall Type	Dual

### Electrical Characteristics

Voltage (Max)	.6 kV
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### Body Features

Fluid Type	Water
Primary Product Color	Clear
Shrink Ratio	4:1
Primary Product Material	Irradiated Modified Polyolefin
Flexibility	Semi-Rigid

### Dimensions

Recovered Wall Thickness (Tolerance)	1.2 mm[.047 in]
Cut Length	20 mm[.787 in]
Expanded Inside Diameter (Min)	5.72 mm[.225 in]
Recovered Inside Diameter (Max)	1.3 mm[.051 in]

### Usage Conditions

Shrink Temperature (Min)	110 °C
Heat Shrink Tubing Flammability	Non-Flame-Retardant



Operating Temperature Range	-40 – 130 °C
Heat Shrink Tubing Resistance	Abrasion, Fluids, Mechanical Damage, Strain Relief
Recovery Temperature	135 °C

### Product Availability

Applicable Region	Global
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### Packaging Features

Packaging Method	Piece
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### Other

Meets Low Outgassing Requirements	No
Product Source	US

## Product Compliance

For compliance documentation, visit the product page on [TE.com](https://www.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: JUL 2021 (219) 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



TE Part # 2280355-1  
220 V MODEL 17



TE Part # 2234800-1  
RBK-X1 STD



TE Part # 2234800-2  
RBK-X1 CE STD



TE Part # 2280355-3  
110 V MODEL 17



TE Part # 2280355-4  
110 V MODEL 17 REVERSE



TE Part # 2326489-1  
MODEL 105 TUNNEL OVEN, 36"  
ENTRY, STAND A



TE Part # 2375310-1  
XB17 Belt Heater, 220V



TE Part # 2375310-2  
XB17 Belt Heater, 110V



TE Part # 2375320-1  
XB19 Belt Heater, STD



TE Part # 2375320-2  
XB19 Belt Heater, 150mm (6")  
Version



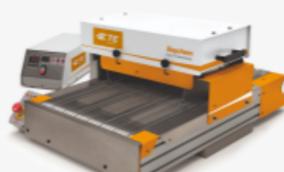
TE Part # 2376800-1  
RBK-X1C STD



TE Part # 2376800-2  
RBK-X1C CE STD



TE Part # 2394980-1  
MOD 105 TUN OVEN, 69"  
ENTRY, STARDARD



TE Part # 955018-000  
CLTEQ-M105-TUNNEL-OVEN



TE Part # 714529-000  
CLTEQ-M19-BELT-HTR



TE Part # 1-528018-1  
IR-1891 SHUTTLE RETURN

## Also in the Series | RAYCHEM ES-1000



Heat Shrink Tubing(50)



## Documents

### Datasheets & Catalog Pages

[ES1000 Pages from 9-1773447-9](#)

English

[Semirigid, Adhesive-Lined Heat-Shrinkable Tubing \(Extended Temperature Range\)](#)

English

[Measuring\\_Single\\_Wall\\_Tubing](#)

English

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

English

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### Product Specifications

[Quality Specification](#)

English

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### Product Environmental Compliance

[Safety Datasheet](#)

English

[Safety Datasheet](#)

English

[Safety Datasheet](#)

[Safety Datasheet](#)

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