



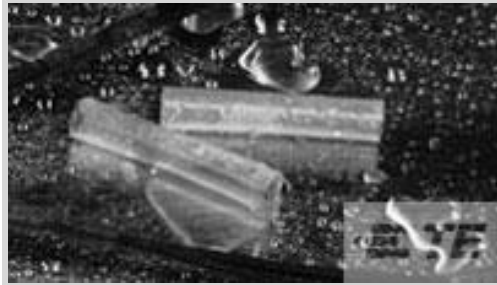
Raychem | Raychem ES-1000

TE Internal #: 035377P004

Raychem ES-1000, Heat Shrink Tubing, Clear, Dual Wall, 10.85 mm [.427 in] Expanded Inside, .095 in [2.41 mm] Recovered Inside, 4:1 Shrink Ratio

[View on TE.com >](#)

Heat Shrink Tubing



Primary Product Color: **Clear**

Wall Type: **Dual**

Expanded Inside Diameter (Min): **10.85 mm [.427 in]**

Recovered Inside Diameter (Max): **2.41 mm [.095 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)	1.91 mm[.075 in]
Cut Length	1220 – 1245.4 mm[48 – 49 in]
Expanded Inside Diameter (Min)	10.85 mm[.427 in]
Recovered Inside Diameter (Max)	2.41 mm[.095 in]

### Usage Conditions

Shrink Temperature (Min)	110 °C
Fluid Resistance	Limited Immersion Protection, Moisture



/Spray Protection, Splash Protection

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	Stick
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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>](#)

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 2022 (223) Candidate List Declared Against: JAN 2022 (223) Does not contain REACH SVHC
Halogen Content	BFR/CFR/PVC Free, but Br/Cl >900 ppm in other sources.
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 # 2326489-1  
MODEL 105 TUNNEL OVEN, 36" ENTRY, STAND

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

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

## Also in the Series | Raychem ES-1000

Heat Shrink Tubing(47)

## Customers Also Bought

TE Part #T4010008031-000  
M8,SCREW, FEMALE,S,UNSHIELD,3P, GOLD

TE Part #202236-5  
III+ PIN,SOLTAB,TIN,LP

TE Part #CN9926-000  
SBP SELF LAMINATING VINYL LABELS

TE Part #NB14062001  
TAT-125-3/4-0-STK

TE Part #NB14912001  
DWP-125-3/4-0-STK

TE Part #NB14922001  
DWP-125-3/4-2-STK

TE Part #NB17032001  
DWP-125-1-2-STK

TE Part #NB20224001  
VERSAFIT-1/8-6-SP



## 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](#)

[Safety Datasheet](#)

English

[Safety Datasheet](#)

French

[Safety Datasheet](#)

German

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English

[Safety Datasheet](#)