

RW-175-E-1/16-X-STK

✓ ACTIVE

RAYCHEM | RAYCHEM RW-175-E

TE Internal #: CV25362001

Heat Shrink Tubing, Clear, 2:1, Single Wall, Shrinks To .79 mm [.031 in], Crosslinked Polyvinylidene Fluoride, RAYCHEM RW-175-E

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Heat Shrink Tubing > RW-175-E Heat Shrink Tubing



Tubing Product Type: **Heat Shrink Tubing**

Primary Product Color: **Clear**

Wall Type: **Single Wall**

Expanded Inside Diameter (Min): **1.6 mm [.063 in ]**

Recovered Inside Diameter (Max): **.79 mm [.031 in ]**

[All RW-175-E Heat Shrink Tubing \(24\)](#)

Features

Product Type Features

|                     |                    |
|---------------------|--------------------|
| Tubing Product Type | Heat Shrink Tubing |
| Wall Type           | Single Wall        |

Electrical Characteristics

|                         |       |
|-------------------------|-------|
| Operating Voltage (Max) | .6 kV |
|-------------------------|-------|

Body Features

|                          |                                                                                                       |
|--------------------------|-------------------------------------------------------------------------------------------------------|
| Fluid Type               | Anti-Icing Fluid, Aviation Fuel, Cleaning Solvents, Gasoline, Hydraulic Fluid, Lubricating Oil, Water |
| Primary Product Color    | Clear                                                                                                 |
| Shrink Ratio             | 2:1                                                                                                   |
| Primary Product Material | Crosslinked Polyvinylidene Fluoride                                                                   |
| Flexibility              | Semi-Rigid                                                                                            |

Dimensions

|                                      |                    |
|--------------------------------------|--------------------|
| Recovered Wall Thickness (Nominal)   | .25 mm[.01 in]     |
| Product Length                       | 1220 mm[48.031 in] |
| Recovered Wall Thickness (Tolerance) | .25 mm[.01 in]     |
| Expanded Inside Diameter (Min)       | 1.6 mm[.063 in]    |



|                                 |                             |
|---------------------------------|-----------------------------|
| Recovered Inside Diameter (Max) | .79 mm[.031 in]             |
| Tubing Size Range               | .8 – 1.6 mm[.031 – .063 in] |

Usage Conditions

|                             |                            |
|-----------------------------|----------------------------|
| Shrink Temperature (Min)    | 155 °C                     |
| Tubing Flammability Type    | Highly Flame-Retardant     |
| Operating Temperature Range | -55 – 175 °C[-55 – 347 °F] |
| Recovery Temperature        | 175 °C                     |

Operation/Application

|                       |                                                                 |
|-----------------------|-----------------------------------------------------------------|
| Mechanical Resistance | Abrasion, Cut-Through, Fluids, Mechanical Damage, Strain Relief |
|-----------------------|-----------------------------------------------------------------|

Product Availability

|                   |        |
|-------------------|--------|
| Applicable Region | Global |
|-------------------|--------|

Packaging Features

|                  |           |
|------------------|-----------|
| Packaging Method | Bag & Box |
|------------------|-----------|

Other

|                                   |                |
|-----------------------------------|----------------|
| Meets Low Outgassing Requirements | 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 | 有害物质含量符合标准要求 No Restricted Substance(s) Above Threshold                                                                         |
| EU REACH Regulation (EC) No. 1907/2006        | Current ECHA Candidate List: JUNE 2025 (250)<br>Candidate List Declared Against: JUNE 2025 (250)<br>Does not contain REACH SVHC |
| Halogen Content                               | Low Bromine/Chlorine - Br and Cl < 900 ppm per homogenous material. Also BFR /CFR/PVC Free                                      |
| Solder Process Capability                     | Not reviewed 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 # EG1114-000  
CV1981-ST-230V1600W-EU

Also in the Series

RAYCHEM RW-175-E

Heat Shrink Tubing(24)

Single Wall Tubing(24)

### Customers Also Bought

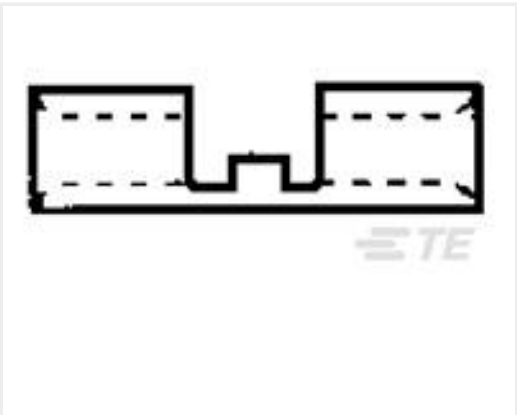
TE Part #SB0794  
GO1020 1Pt100 W0.15 L10/D2.0mm

TE Part #SB0865  
GO1327 1Pt100 W0.3 L13/D2.7mm

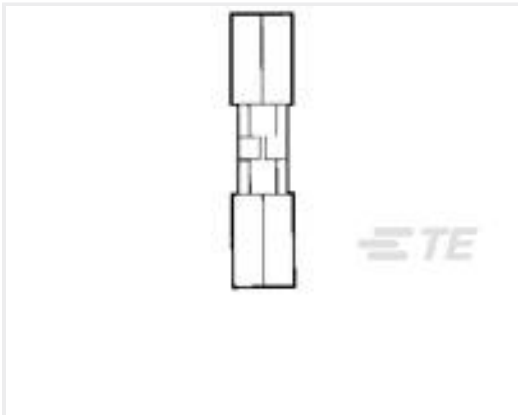
TE Part #216013-004  
55A0111-22-3

TE Part #CV25372001  
RW-175-E-3/16-X-STK





TE Part #323876  
[SOLIS BUTT HT 22-16COM22-18MIL](#)



TE Part #328588  
[SPLICE,SOLIS BUTT STRAP 24-20](#)



TE Part #2314820-4  
[4P,2MM,BB,REC,DRVT,2.7,0.1AU,TUBE](#)



TE Part #5788362-1  
[.8MM CHAMP BACKSHELL KIT](#)

TE Part #3742613431  
[Speed sen DSD 1828.21 PHWR](#)



TE Part #5-1106302-9  
[SCHELLENSET 8MM](#)

Documents

Product Drawings  
[RW-175-E-1/16-X-STK](#)

English

Datasheets & Catalog Pages  
[Selecting\\_Correct\\_Tubing\\_1216](#)

English

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

English

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

English

[1-1773730-1 RW-175-E Heat-Shrinkable Tubing Flyer](#)

English

Product Specifications  
[Quality Specification](#)

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Agency Approvals  
[UL](#)

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