



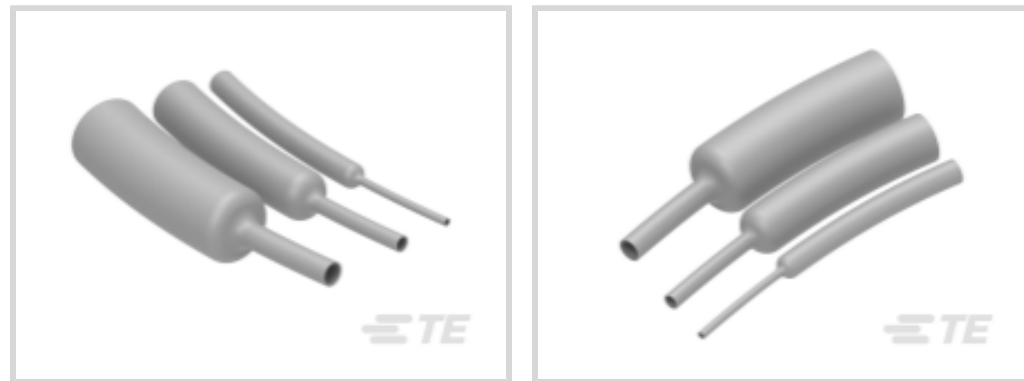
RAYCHEM | RAYCHEM RNF-3000

TE Internal #: 1387472001

Heat Shrink Tubing, Gray, 3:1, Single Wall, Shrinks To 13 mm [.512 in], Irradiated Modified Polyolefin, RAYCHEM RNF-3000

[View on TE.com >](#)

Heat Shrink Tubing > RNF-3000 Heat Shrink Tubing



Tubing Product Type: **Heat Shrink Tubing**

Primary Product Color: **Gray**

Wall Type: **Single Wall**

Expanded Inside Diameter (Min): **39 mm [ 1.534 in ]**

Recovered Inside Diameter (Max): **13 mm [ .512 in ]**

[All RNF-3000 Heat Shrink Tubing \(209\)](#)

## Features

### Product Type Features

Tubing Product Type	Heat Shrink Tubing
Wall Type	Single Wall

### Electrical Characteristics

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

Fluid Type	Gasoline, Hydraulic Fluid, Lubricating Oil, Water
Primary Product Color	Gray
Shrink Ratio	3:1
Primary Product Material	Irradiated Modified Polyolefin
Flexibility	Flexible

### Dimensions

Recovered Wall Thickness (Nominal)	1.15 mm[.045 in]
Product Length	1220 mm[48.031 in]
Recovered Wall Thickness (Tolerance)	.2 mm[.008 in]
Expanded Inside Diameter (Min)	39 mm[1.534 in]
Recovered Inside Diameter (Max)	13 mm[.512 in]



Tubing Size Range	13 – 39 mm [.512 – 1.534 in]
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### Usage Conditions

Shrink Temperature (Min)	80 °C
Tubing Flammability Type	Flame-Retardant
Operating Temperature Range	-55 – 135 °C [-67 – 275 °F]
Recovery Temperature	120 °C

### Operation/Application

Mechanical Resistance	Abrasion, Fluids, Mechanical Damage, Strain Relief
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### 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	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) Candidate List Declared Against: JUNE 2025 (250) 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



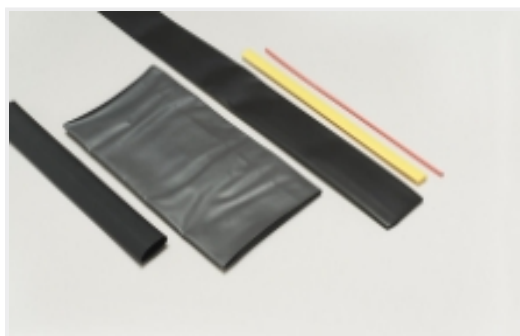
limits as defined in the Annexes of Directive 2011/65/EU (RoHS2). Finished electrical and electronic equipment products will be CE marked as required by Directive 2011/65/EU. Components may not be CE marked. Additionally, the part numbers that TE has identified as EU ELV compliant have a maximum concentration 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>

## Compatible Parts



TE Part # EG1114-000  
CV1981-ST-230V1600W-EU

## Also in the Series | RAYCHEM RNF-3000



Heat Shrink Tubing(209)

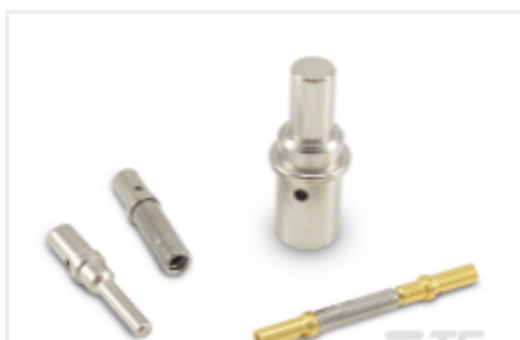


Orange Heat Shrink Tubing(11)



Single Wall Tubing(209)

## Customers Also Bought



TE Part #CAT-D48-ST273  
DEUTSCH Connector Solid Contacts



TE Part #CAT-D487-W416  
Wedgelocks: DEUTSCH DT



TE Part #DT06-2S  
PLG, 2P, GRY, N



TE Part #DT04-2P  
REC, 2P, GRY, N



## Documents

### Product Drawings

[RNF-3000-39/13-8-STK](#)

English

### Datasheets & Catalog Pages

[Selecting\\_Correct\\_Tubing\\_1216](#)

English

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

English

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

English

[RNF-300 Tubing](#)

English

### Product Specifications

[Quality Specification](#)

English