



RAYCHEM | RAYCHEM RNF-3000

TE Internal #: 5677564008

Heat Shrink Tubing, Black, Single Wall, .118 in [3 mm] Expanded Inside, .039 in [1 mm] Recovered Inside, 3:1 Shrink Ratio, RAYCHEM RNF-3000

[View on TE.com >](#)

Heat Shrink Tubing > RNF-3000 Single Wall Spool HS Tubing



Primary Product Color: **Black**

Wall Type: **Single**

Expanded Inside Diameter (Min): **3 mm [ .118 in ]**

Recovered Inside Diameter (Max): **1 mm [ .039 in ]**

Shrink Ratio: **3:1**

[All RNF-3000 Single Wall Spool HS Tubing \(91\)](#)

## Features

### Product Type Features

Product Family	RNF-3000
Wall Type	Single

### Electrical Characteristics

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

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

### Dimensions

Recovered Wall Thickness (Tolerance)	.1 mm[.003 in]
Recovered Wall Thickness (Nominal)	.55 mm[.022 in]
Expanded Inside Diameter (Min)	3 mm[.118 in]
Recovered Inside Diameter (Max)	1 mm[.039 in]
Heat Shrink Tubing Size Range	1 – 3 mm[.039 – .118 in]



### Usage Conditions

Shrink Temperature (Min)	80 °C
Fluid Resistance	Splash Protection
Heat Shrink Tubing Flammability	Flame-Retardant
Operating Temperature Range	-55 – 135 °C
Heat Shrink Tubing Resistance	Abrasion, Fluids, Mechanical Damage, Strain Relief
Recovery Temperature	120 °C

### Product Availability

Applicable Region	Global
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### Packaging Features

Packaging Method	Box
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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	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2022 (224) Candidate List Declared Against: JUNE 2022 (224) 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 # CJ2087-000  
HL2010E-KIT-120V



TE Part # 170152-3  
AMP SPLICE



TE Part # 170152-2  
AMPLIVAR SPLICE STR



TE Part # 170152-4  
AMP SPLICE



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

## Also in the Series | RAYCHEM RNF-3000



Heat Shrink Tubing(215)

## Documents

### Product Drawings

[RNF-3000-3/1-0-SP](#)

English

### Datasheets & Catalog Pages

[RNF-3000 Pages from 9-1773447-9](#)

English

### Product Specifications

[Quality Specification](#)

English



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**Product Environmental Compliance**

[Safety Datasheet](#)

English

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