

# RNF-100-1-1/2-0-SP ✓ ACTIVE

RAYCHEM | RAYCHEM RNF-100

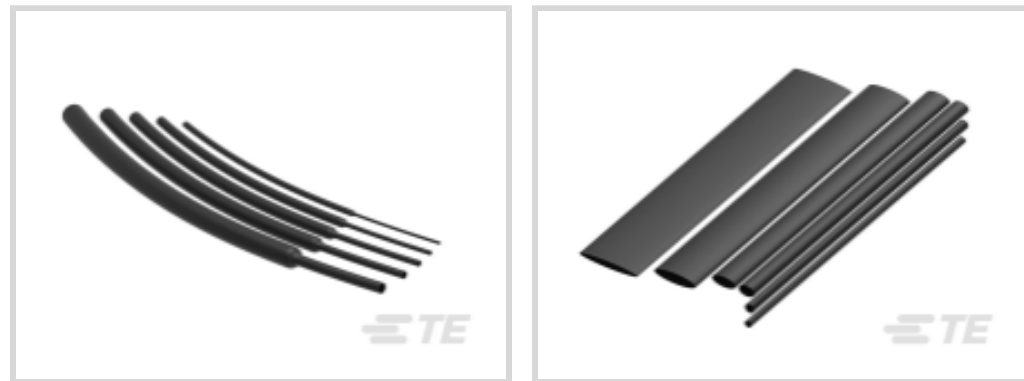
TE Internal #: 5053344027

Heat Shrink Tubing, Black, 2:1, Single Wall, Shrinks To 19 mm [.748 in], Irradiated Modified Polyolefin, RAYCHEM RNF-100

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Heat Shrink Tubing



Tubing Product Type: **Heat Shrink Tubing**

Primary Product Color: **Black**

Wall Type: **Single Wall**

Expanded Inside Diameter (Min): **38 mm [ 1.496 in ]**

Recovered Inside Diameter (Max): **19 mm [ .748 in ]**

## 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	Black
Shrink Ratio	2:1
Primary Product Material	Irradiated Modified Polyolefin
Flexibility	Flexible

### Dimensions

Recovered Wall Thickness (Nominal)	1 mm[.039 in]
Recovered Wall Thickness (Tolerance)	.4 mm[.016 in]
Expanded Inside Diameter (Min)	38 mm[1.496 in]
Recovered Inside Diameter (Max)	19 mm[.748 in]
Tubing Size Range	19 – 38 mm[.748 – 1.496 in]

### Usage Conditions



Shrink Temperature (Min)	95 °C
Tubing Flammability Type	Flame-Retardant
Operating Temperature Range	-55 – 135 °C[-67 – 275 °F]
Recovery Temperature	121 °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	Box
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### Other

Meets Low Outgassing Requirements	No
Product Source	China, 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

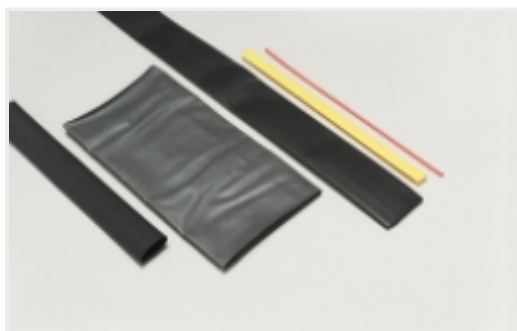
on SVHC in articles for this part number is based on the latest European Chemicals Agency (ECHA) 'Guidance on requirements for substances in articles' posted at this URL: <https://echa.europa.eu/guidance-documents/guidance-on-reach>

## Compatible Parts



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

## Also in the Series | RAYCHEM RNF-100



Heat Shrink Tubing(843)



Orange Heat Shrink Tubing(44)



Power Cable Tubing & Accessories(5)



Single Wall Tubing(842)

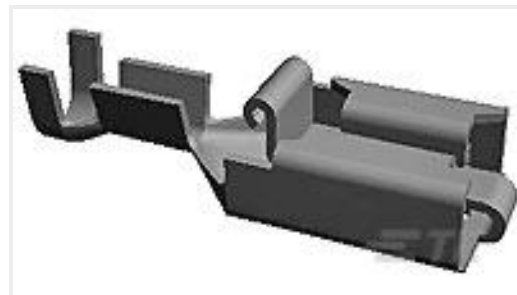
## Customers Also Bought



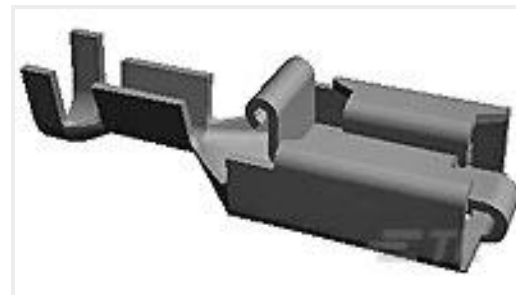
TE Part #CC0111-000  
HLX125WE2NEL60S



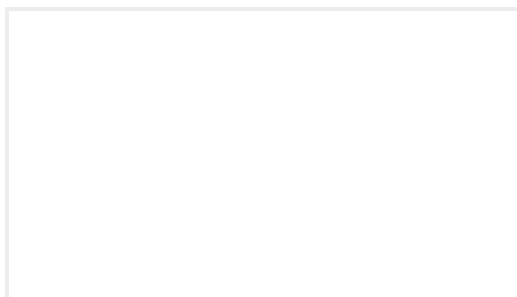
TE Part #100285-1  
3P.4MM.SOCK.ASS.M24



TE Part #927852-8  
PL 250 REC TERMINAL 20-17 AWG  
SILPPB



TE Part #927881-8  
PL 250 REC TERMINAL 17-13 AWG  
SLIPB



TE Part #673761-000  
TMS-SCE-3/32-2.0-S2-4



TE Part #2-1104002-3  
HVT.8.BU.C



TE Part #1106415-2  
EMV-K6/16.SG.2.M32G



TE Part #1102035-1  
HB-K.48.ST-GR



## Documents

### Product Drawings

[RNF-100-1-1/2-0-SP](#)

English

### Datasheets & Catalog Pages

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

English

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

English

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

English

[RNF-100 Pages from 9-1773447-9](#)

English

[Flexible, Flame-Retardant, High Performance, Polyolefin Heat-Shrinkable Tubing](#)

English

### Product Specifications

[Quality Specification](#)

English

### Agency Approvals

[UL](#)

English