



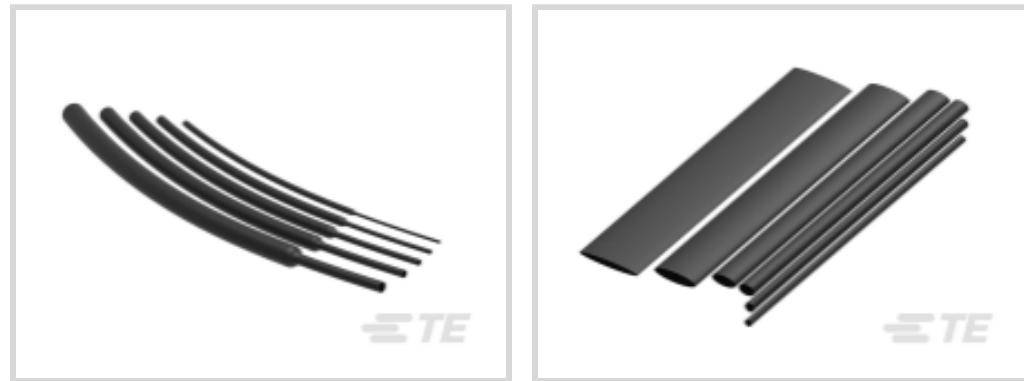
RAYCHEM | RAYCHEM RNF-100

TE Internal #: 5053292059

Black, 2:1, Single Wall Tubing, Shrinks To .5 in [12.7 mm], Irradiated Modified Polyolefin, 25.4 mm [1 in] Inner Diameter, RAYCHEM RNF-100

[View on TE.com >](#)

Heat Shrink Tubing



Primary Product Color: **Black**

Wall Type: **Single Wall**

Expanded Inside Diameter (Min): **25.4 mm [1 in]**

Recovered Inside Diameter (Max): **12.7 mm [.5 in]**

Shrink Ratio: **2:1**

**Features**

**Product Type Features**

Product Family	RNF-100
Wall Type	Single Wall

**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	2:1
Primary Product Material	Irradiated Modified Polyolefin
Flexibility	Flexible

**Dimensions**

Recovered Wall Thickness (Tolerance)	.3 mm[.012 in]
Cut Length	1220 mm[48.031 in]
Recovered Wall Thickness (Nominal)	.9 mm[.035 in]
Expanded Inside Diameter (Min)	25.4 mm[1 in]
Recovered Inside Diameter (Max)	12.7 mm[.5 in]
Heat Shrink Tubing Size Range	12.7 – 25.4 mm[.5 – 1 in]



### Usage Conditions

Shrink Temperature (Min)	95 °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	121 °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	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: JAN 2023 (233) Candidate List Declared Against: JAN 2023 (233) 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

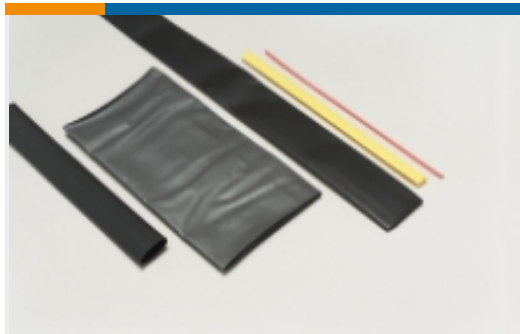
materials for lead, hexavalent chromium, and mercury, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2000/53/EC (ELV). Regarding the REACH Regulation, the information TE provides on SVHC in articles for this part number is based on the latest 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(885)



Power Cable Tubing & Accessories(8)

## Customers Also Bought



TE Part #1-350777-9  
02P UMNL V0 PLUG HSG BLACK



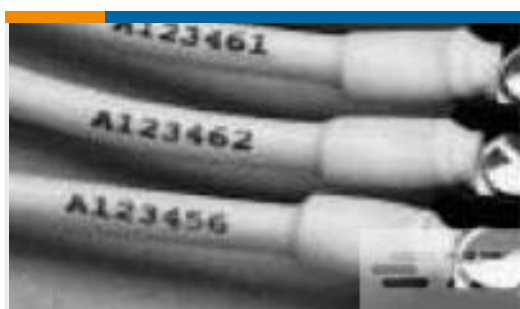
TE Part #53125-1  
TERMINAL,SOLIS SPR SPD 16-14



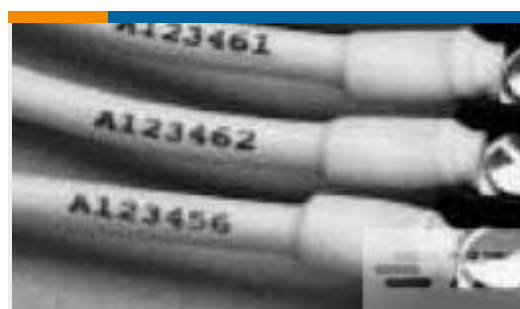
TE Part #201568-1  
CONTACT SOCKET ASSY.



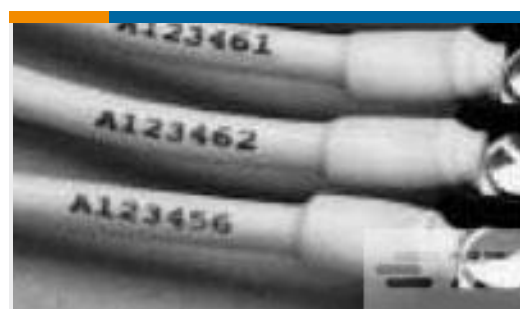
TE Part #5053342033  
RNF-100-1-1/2-0-STK



TE Part #5053232026  
RNF-100-1/2-9-STK



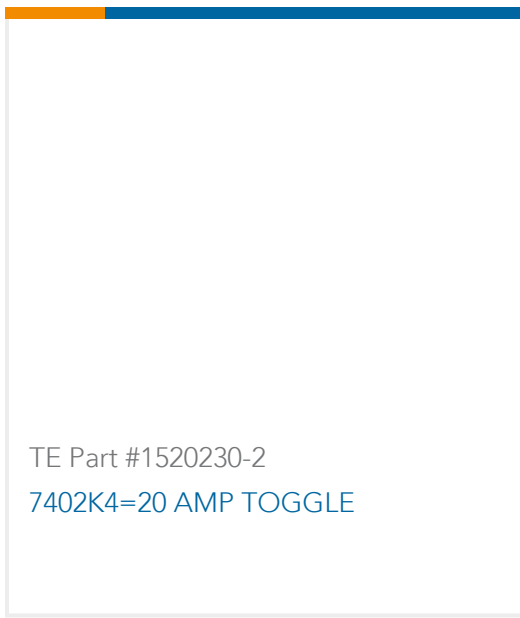
TE Part #5052992082  
RNF-100-1/8-0-STK



TE Part #5053092090  
RNF-100-1/4-0-STK



TE Part #CB3127-000  
D-1744-03-LF



## Documents

### Product Drawings

[RNF-100-1-0-STK](#)

English

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### Datasheets & Catalog Pages

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

English

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

English

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### Product Specifications

[Application Specification](#)

English