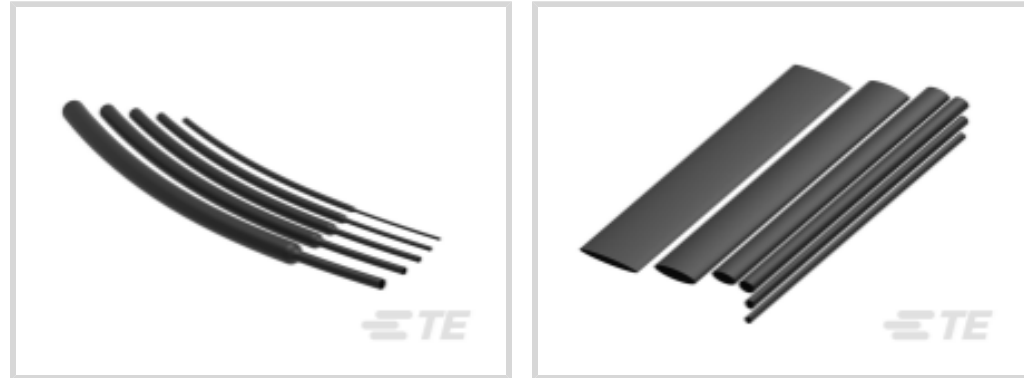




Heat Shrink Tubing > RNF-100-BK Heat Shrink Tubing



Primary Product Color: **Black**

Wall Type: **Single Wall**

Expanded Inside Diameter (Min): **9.5 mm [ .374 in ]**

Recovered Inside Diameter (Max): **4.74 mm [ .187 in ]**

Shrink Ratio: **2:1**

[All RNF-100-BK Heat Shrink Tubing \(78\)](#)

## Features

### Product Type Features

|           |             |
|-----------|-------------|
| Wall Type | Single Wall |
|-----------|-------------|

### Electrical Characteristics

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

### 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) | .08 mm[.003 in]               |
| Recovered Wall Thickness (Nominal)   | .64 mm[.025 in]               |
| Expanded Inside Diameter (Min)       | 9.5 mm[.374 in]               |
| Recovered Inside Diameter (Max)      | 4.74 mm[.187 in]              |
| Tubing Size Range                    | 4.74 – 9.5 mm[.187 – .374 in] |



**Usage Conditions**

|                             |                 |
|-----------------------------|-----------------|
| Shrink Temperature (Min)    | 95 °C           |
| Tubing Flammability Type    | Flame-Retardant |
| Operating Temperature Range | -55 – 135 °C    |
| Recovery Temperature        | 121 °C          |

**Operation/Application**

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

**Product Availability**

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

**Packaging Features**

|                  |      |
|------------------|------|
| Packaging Method | Reel |
|------------------|------|

**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 | No Restricted Materials Above Threshold   |
| EU REACH Regulation (EC) No. 1907/2006        | Current ECHA Candidate List: JUNE 2024 (241)<br>Candidate List Declared Against: JUNE 2024 (241)<br>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

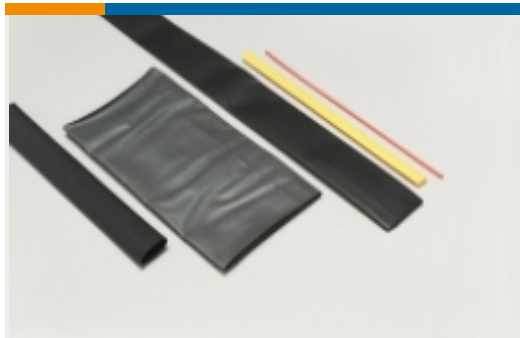
as defined in the Annexes of Directive 2000/53/EC (ELV). Regarding the REACH Regulation, the information TE provides on SVHC in articles for this part number is based on the latest European Chemicals Agency (ECHA) 'Guidance on requirements for substances in articles' posted at this URL: <https://echa.europa.eu/guidance-documents/guidance-on-reach>

## Compatible Parts



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

## Also in the Series | RAYCHEM RNF-100

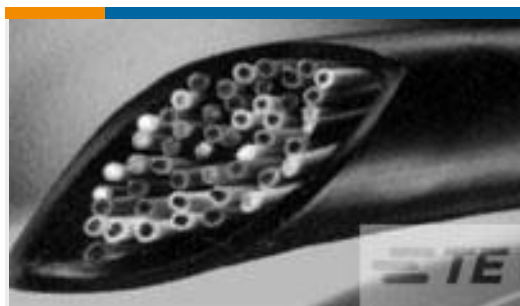


Heat Shrink Tubing(838)



Power Cable Tubing & Accessories(8)

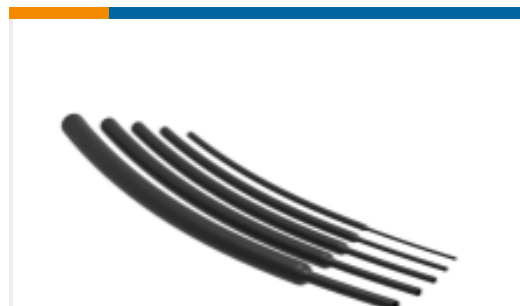
## Customers Also Bought



TE Part #A65435-000  
NT-MIL-1/8-0-SP



TE Part #5053094268  
RNF-100-1/4-BK-SP



TE Part #NB13274001  
RNF-100-BK Heat Shrink Tubing



TE Part #NB18104001  
RNF-100-1-1/4-CL-SP



TE Part #NB46072001  
SCL-1/8-0-STK-CS34568



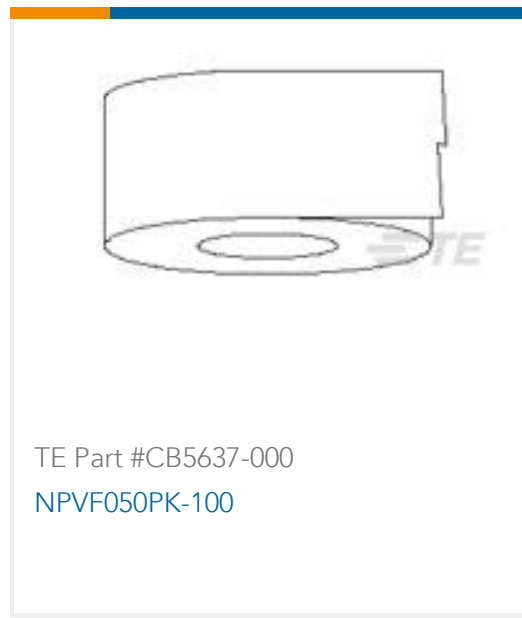
TE Part #7372254001  
MT5000-1/16-0-SP



TE Part #7-1423698-7  
W68-X2Q12-5V=CKTBKR,MAGHYD,  
LEVER,QC.250



TE Part #174018-000  
NPVF050GN-100



## Documents

### Product Drawings

[RNF-100-3/8-BK-SP](#)

English

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### Datasheets & Catalog Pages

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

English

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### Product Specifications

[Application Specification](#)

English