# RNF-100-3/16-0-SP ✔ ACTIVE

RAYCHEM | RAYCHEM RNF-100

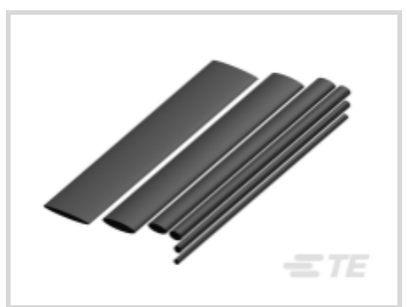
TE Internal #: 5053044060

Heat Shrink Tubing, Black, 2:1, Single Wall, Shrinks To 2.4 mm [.094 in], Irradiated Modified Polyolefin, RAYCHEM RNF-100

View on TE.com >

Heat Shrink Tubing > RNF-100-3 Heat Shrink Tubing





Tubing Product Type: **Heat Shrink Tubing**

Primary Product Color: **Black**

Wall Type: **Single Wall**

Expanded Inside Diameter (Min): **4.8 mm [ .189 in ]**

Recovered Inside Diameter (Max): **2.4 mm [ .094 in ]**

All RNF-100-3 Heat Shrink Tubing (63)

## Features

### Product Type Features

| | |
|---|---|
| Tubing Product Type | Heat Shrink Tubing |
| 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 (Nominal) | .51 mm[.02 in] |
| Recovered Wall Thickness (Tolerance) | .08 mm[.003 in] |
| Expanded Inside Diameter (Min) | 4.8 mm[.189 in] |
| Recovered Inside Diameter (Max) | 2.4 mm[.094 in] |
| Tubing Size Range | 2.4 – 4.8 mm[.094 – .189 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 |

## Product Availability

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

## Packaging Features

| | |
|---|---|
| Packaging Method | Box |

## 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)<br>Candidate List Declared Against: JUNE 2025 (250)<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

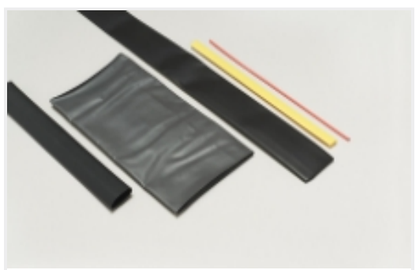
numbers that TE has identified as EU ELV compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, and mercury, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2000/53/EC (ELV). Regarding the 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(843)



Orange Heat Shrink Tubing(44)



Power Cable Tubing & Accessories(5)



Single Wall Tubing(842)

## Customers Also Bought



TE Part #ZPF000000000039394
983-7SE 08-98 PN



TE Part #ZPF000000000007348
983-0S 12-03 P7

TE Part #ZPF000000000012961
DBAS 74-3-0 PN-A5800




TE Part #5053194052
RNF-100-1/2-0-SP



TE Part #F57507-000
MP-406254-1.5-8A



TE Part #ZPF000000000007491
983-0SE 10-05 PN-A1208




TE Part #5052944058
RNF-100-3/32-0-SP



TE Part #9-1614884-4
CPF 0805 33K 0.1% 25PPM 1K RL



TE Part #1676657-1
RN 0805 16R5 0.1% 10PPM CUT LENGTH

TE Part #AAF1428-00
4612098013

## Documents

### Product Drawings

RNF-100-3/16-0-SP

English

### Datasheets & Catalog Pages

Application Tooling for Raychem Heat Shrink Product

English

RNF-100 Pages from 9-1773447-9

English

### Product Specifications

Quality Specification

English

### Agency Approvals

UL

English