

RAYCHEM | RAYCHEM RNF-100

TE Internal #: NB18442001

Heat Shrink Tubing, Black, 2:1, Single Wall, Shrinks To 50.8 mm [2

in], Irradiated Modified Polyolefin, RAYCHEM RNF-100

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





Tubing Product Type: Heat Shrink Tubing

Primary Product Color: Black

Shrink Ratio: 2:1

Wall Type: Single Wall

Recovered Inside Diameter (Max): 50.8 mm [2 in]

All RNF-100-BK Heat Shrink Tubing (78)

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) | 1.4 mm[.055 in] |
|--------------------------------------|-------------------|
| Product Length | 1220 mm[48.03 in] |
| Recovered Wall Thickness (Tolerance) | .23 mm[.009 in] |
| Recovered Inside Diameter (Max) | 50.8 mm[2 in] |
| Expanded Inside Diameter (Min) | 101.6 mm[4 in] |



| Tubing Size Range | 50.8 – 101.6 mm[2 – 4 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 | Bag & Box |
| Other | |
| Meets Low Outgassing Requirements | No |

Product Compliance

Product Source

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 2025 (247) Candidate List Declared Against: JAN 2025 (247) 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 |

China, Czech Republic

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

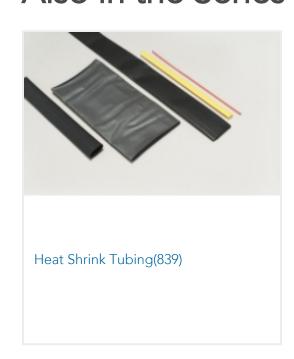


will be CE marked as required by Directive 2011/65/EU. Components may not be CE marked. Additionally, the part numbers that TE has identified as EU ELV compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, and mercury, and 0.01% for cadmium, or 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

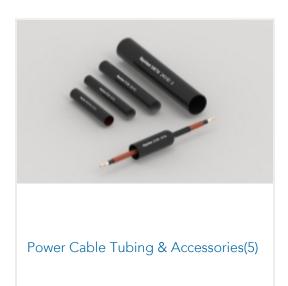
Compatible Parts



Also in the Series | RAYCHEM RNF-100









Customers Also Bought























Documents

Product Drawings

RNF-100-4-BK-STK

English

Datasheets & Catalog Pages

RNF-100 Pages from 9-1773447-9

English

Product Specifications

Application Specification

English