



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
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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)	1.4 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]
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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
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Product Availability

Applicable Region	Global
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Packaging Features

Packaging Method	Bag & 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	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

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(839)

Orange Heat Shrink Tubing(44)

Power Cable Tubing & Accessories(5)

Single Wall Tubing(838)

Customers Also Bought

TE Part #2-2176479-4
RA73F 1J 88R7 0.1% 5K RL

TE Part #9-1879213-2
CPF 0402 267R 0.1% 25PPM 1K RL

TE Part #1879213-6
CPF 0402 29R4 0.1% 25PPM 1K RL

TE Part #8-5353189-0
.6FHR04H,140,S,STD,08/SP,TR,SEYes

TE Part #3-2176308-7
RP 1E 0.1W 5R49 0.1% 25PPM 1K RL

TE Part #4-2176087-4
RP 1J 0.166W 191R 0.1% 25PPM 1K RL

TE Part #1-499910-0
050 UNIV HDR SP 4S 15DP STD L2

TE Part #3-2176479-8
RA73F 1J 124R 0.1% 5K RL



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