RNF-100-1/2-2-SP ✔ ACTIVE

RAYCHEM | RAYCHEM RNF-100

TE Internal #: 5053204012

Heat Shrink Tubing, Red, 2:1, Single Wall, Shrinks To 6.4 mm [.252 in], Irradiated Modified Polyolefin, RAYCHEM RNF-100

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Heat Shrink Tubing





Tubing Product Type: **Heat Shrink Tubing**

Primary Product Color: **Red**

Wall Type: **Single Wall**

Expanded Inside Diameter (Min): **12.7 mm [.5 in]**

Recovered Inside Diameter (Max): **6.4 mm [.252 in]**

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	Red
Shrink Ratio	2:1
Primary Product Material	Irradiated Modified Polyolefin
Flexibility	Flexible

Dimensions

Recovered Wall Thickness (Nominal)	.65 mm[.026 in]
Recovered Wall Thickness (Tolerance)	.3 mm[.012 in]
Expanded Inside Diameter (Min)	12.7 mm[.5 in]
Recovered Inside Diameter (Max)	6.4 mm[.252 in]
Tubing Size Range	6.4 – 12.7 mm[.252 – .5 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) Candidate List Declared Against: JUNE 2025 (250) 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

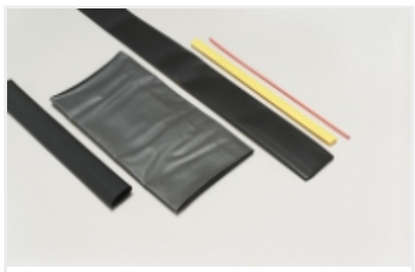
on SVHC in articles for this part number is based on the latest European Chemicals Agency (ECHA) 'Guidance on requirements for substances in articles' posted at this URL: https://echa.europa.eu/guidance-documents/guidance-on-reach

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 #5053244040
RNF-100-3/4-0-SP



TE Part #322439-003
RCAB-5120



TE Part #925367-3
MOD 4 REC.HSG 2X03P



TE Part #9-1768016-7
CSL-14033P-9

TE Part #EN0127-000
SMOE-64623



TE Part #1719826-6
SINGLE WIRE SEAL,8MM HV



TE Part #1-1991225-6
PROTECTIVE COVER. IPT 16-50mm sq. CABLE D



TE Part #1-1991226-2
1 POS. RING TONGUE HOUSING ASSY. IPT 16-



TE Part #2-1991226-2
1 POS. RING TONGUE HOUSING ASSY. IPT 16-



TE Part #2177526-3
ANTI ROTATION SAFEGUARD-HV-1P, IPT,35mmsq

Documents

Product Drawings

RNF-100-1/2-2-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