

RNF-100-1/4-BK-SP

✓ ACTIVE

RAYCHEM | RAYCHEM RNF-100

TE Internal #: 5053094268

Heat Shrink Tubing, Black, 2:1, Single Wall, Shrinks To 3.17 mm [.125 in], Irradiated Modified Polyolefin, RAYCHEM RNF-100

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Heat Shrink Tubing > RNF-100-1 Heat Shrink Tubing



Tubing Product Type: **Heat Shrink Tubing**

Primary Product Color: **Black**

Wall Type: **Single Wall**

Expanded Inside Diameter (Min): **6.35 mm [.25 in]**

Recovered Inside Diameter (Max): **3.17 mm [.125 in]**

[All RNF-100-1 Heat Shrink Tubing \(25\)](#)

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	Aviation Fuel, Hydraulic Fluid, Water
Primary Product Color	Black
Shrink Ratio	2:1
Primary Product Material	Irradiated Modified Polyolefin
Flexibility	Flexible

Dimensions

Recovered Wall Thickness (Nominal)	.64 mm[.025 in]
Recovered Wall Thickness (Tolerance)	.15 mm[.006 in]
Expanded Inside Diameter (Min)	6.35 mm[.25 in]
Recovered Inside Diameter (Max)	3.17 mm[.125 in]
Tubing Size Range	3.17 – 6.35 mm[.125 – .25 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
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Product Availability

Applicable Region	Global
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Packaging Features

Packaging Method	Spool
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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	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



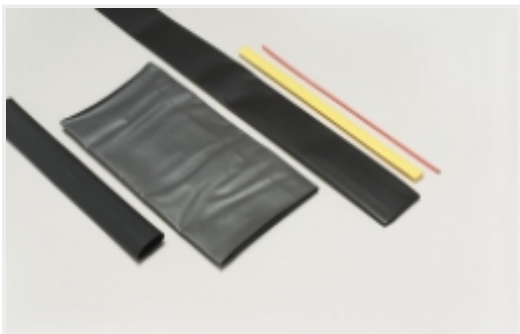
numbers that TE has identified as EU ELV compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, and mercury, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2000/53/EC (ELV). Regarding the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

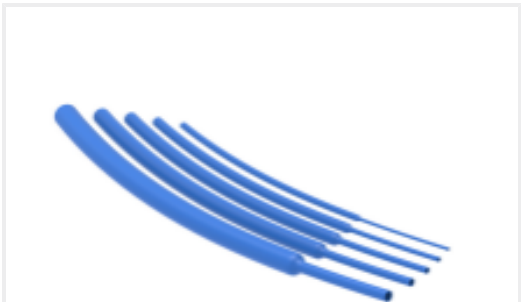


Single Wall Tubing(842)

Customers Also Bought



TE Part #4234514002
MT2000-3.0-X-SP



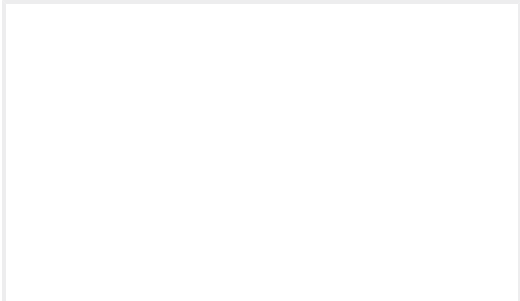
TE Part #NB19194001
RNF-100-1/8-BU-SP



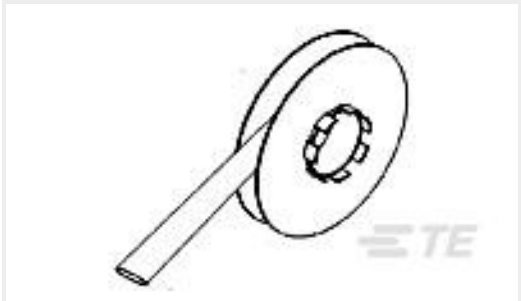
TE Part #NB19254001
RNF-100-1/8-GN-SP



TE Part #T4133012041-000
M12,FRONT MOUNT,FEMALE,A,4P,
SOLDER WIRE



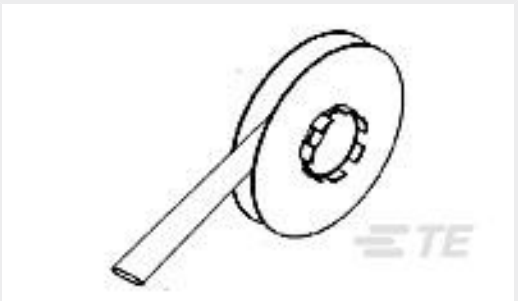
TE Part #7040-0001-025
INSULATOR, .125ID X .100L



TE Part #627365-000
TTMS-12.7-0



TE Part #370666-000
TTMS-9.5-0



TE Part #348788-000
TTMS-19.0-0



TE Part #5053044177
[RNF-100-3/16-BK-SP](#)



TE Part #776809-000
[TTMS-6.4-0](#)

Documents

Product Drawings

[RNF-100-1/4-BK-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