

NB18994001 ✓ ACTIVE

RAYCHEM | RAYCHEM RNF-100

TE Internal #: NB18994001

Clear, 2:1, Single Wall Tubing, Shrinks To 3.17 mm [.125 in],  
Irradiated Modified Polyolefin, 6.35 mm [.25 in] Inner Diameter,  
RAYCHEM RNF-100

[View on TE.com >](#)



Heat Shrink Tubing > RNF-100-CL Heat Shrink Tubing



Primary Product Color: **Clear**

Wall Type: **Single Wall**

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

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

Shrink Ratio: **2:1**

[All RNF-100-CL Heat Shrink Tubing \(45\)](#)

## Features

### Product Type Features

Wall Type	Single Wall
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### Electrical Characteristics

Operating Voltage (Max)	.6 kV
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### Body Features

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

### Dimensions

Recovered Wall Thickness (Tolerance)	.15 mm[.006 in]
Recovered Wall Thickness (Nominal)	.64 mm[.025 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	Non-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	Reel
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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: JUNE 2024 (241) Candidate List Declared Against: JUNE 2024 (241) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
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



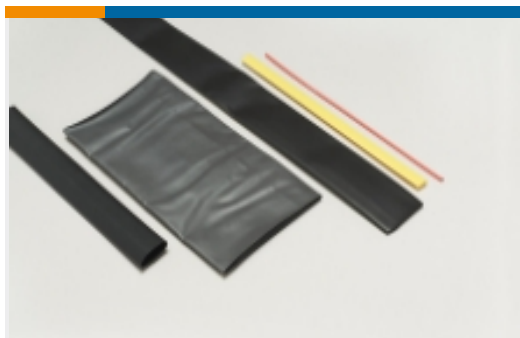
numbers that TE has identified as EU ELV compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, and mercury, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2000/53/EC (ELV). Regarding the 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(838)



Power Cable Tubing & Accessories(8)

## Customers Also Bought



TE Part #6-1625892-0  
3W SM M/OX 5% 56R



TE Part #350980-3  
.045 POST CONTACT AUPLBR



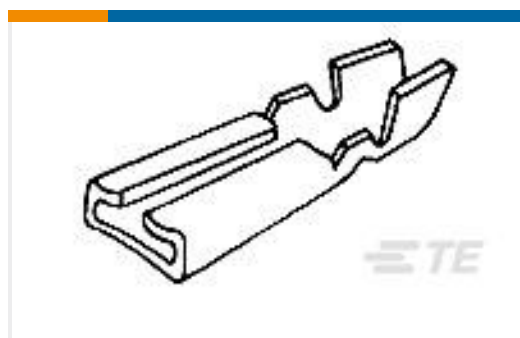
TE Part #CB5036-000  
BSTS-13X4



TE Part #NB15524001  
RNF-100-CL Heat Shrink Tubing



TE Part #6609015-5  
6EF1F=F7325 S0



TE Part #42765-1  
TAPER TAB 078 REVERSE REEL REC  
24-22TPBR



TE Part #1878643-6  
M5031C



## Documents

### Product Drawings

[RNF-100-1/4-CL-SP](#)

English

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### Datasheets & Catalog Pages

[RNF-100 Pages from 9-1773447-9](#)

English

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### Product Specifications

[Application Specification](#)

English