# RNF-100-MINI-SPL-3/32-BK ✔ ACTIVE

RAYCHEM | RAYCHEM RNF-100

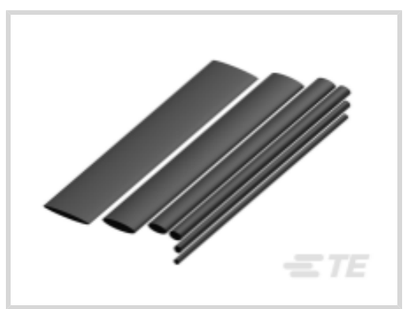
TE Internal #: D42391-000

Heat Shrink Tubing Kit, Black, 2:1, Single Wall, Shrinks To 1.17 mm [.046 in], Irradiated Modified Polyolefin, RAYCHEM RNF-100

View on TE.com >

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





Tubing Product Type: **Heat Shrink Tubing Kit**

Primary Product Color: **Black**

Wall Type: **Single Wall**

Expanded Inside Diameter (Min): **2.36 mm [ .093 in ]**

Recovered Inside Diameter (Max): **1.17 mm [ .046 in ]**

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

## Features

### Product Type Features

| | |
|---|---|
| Tubing Product Type | Heat Shrink Tubing Kit |
| Wall Type | Single Wall |

### Electrical Characteristics

| | |
|---|---|
| Operating Voltage (Max) | .6 kV |

### Body Features

| | |
|---|---|
| Fluid Type | Aviation Fuel, Brake Fluid, Chemicals /Solvents, 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) | .5 mm[.02 in] |
| Recovered Wall Thickness (Tolerance) | .15 mm[.006 in] |
| Expanded Inside Diameter (Min) | 2.36 mm[.093 in] |
| Recovered Inside Diameter (Max) | 1.17 mm[.046 in] |

| | |
|---|---|
| Tubing Size Range | 1.17 – 2.36 mm[.046 – .093 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 | Mini Spool |

### 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)<br>Candidate List Declared Against: JAN 2025 (247)<br>Does not contain REACH SVHC |
| Halogen Content | Low Halogen - Br, Cl, F < 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

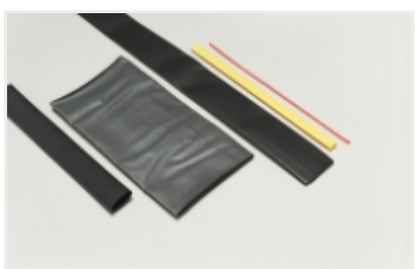
chromium, mercury, PBB, PBDE, DBP, BBP, DEHP, DIBP, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2011/65/EU (RoHS2). Finished electrical and electronic equipment products will be CE marked as required by Directive 2011/65/EU. Components may 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(843)



Orange Heat Shrink Tubing(44)

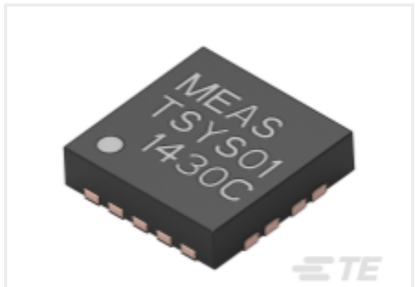


Power Cable Tubing & Accessories(5)



Single Wall Tubing(842)

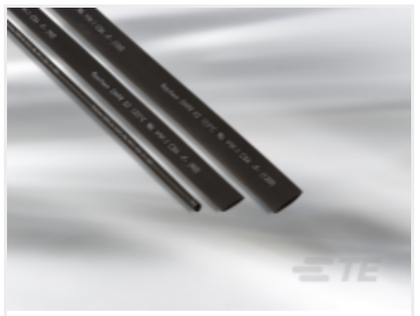
## Customers Also Bought




TE Part #G-NICO-023
0.1 DEG C ACCURACY QFN TEMP SENSOR



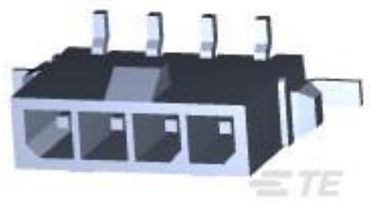
TE Part #800110-SF
FN410-6-02



TE Part #EM7503-000
X4-2.5-0-SP-SM



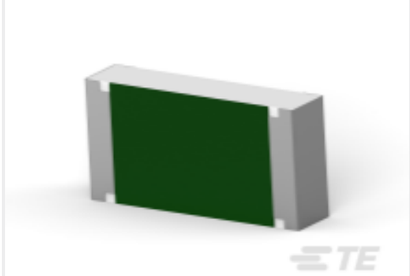
TE Part #643494-4
06P MTA100 HDR ASSY W/O#5



TE Part #2-1445096-4
MICRO MNL HDR ASSY SINGLE ROW



TE Part #3-1630024-7
HSC250 200R 5%



TE Part #6-2176397-8
3502 620R 1%



TE Part #6609104-7
PE0SSSSX0=C1132



TE Part #CC2870-000
202D211-25-72-0



TE Part #EG1913-000
202D253-4-88-0-CS2542

## Documents

### Product Drawings

RNF-100-MINI-SPL-3/32-BK

English

### Datasheets & Catalog Pages

Selecting_Correct_Tubing_1216

English

Application Tooling for Raychem Heat Shrink Product

English

Measuring_Single_Wall_Tubing

English

Tubing Kits Pages from 9-1773447-9

English

### Product Specifications

Quality Specification

English