RNF-100-3/16-BK-SP-SM ✔ ACTIVE

RAYCHEM | RAYCHEM RNF-100

TE Internal #: 505304J154

Heat Shrink Tubing, Black, 2:1, Single Wall, Shrinks To 2.36 mm [.093 in], Irradiated Modified Polyolefin, RAYCHEM RNF-100

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Heat Shrink Tubing





Primary Product Color: **Black**

Expanded Inside Diameter (Min): **4.74 mm [.187 in]**

Recovered Inside Diameter (Max): **2.36 mm [.093 in]**

Primary Product Material: **Irradiated Modified Polyolefin**

Wall Type: **Single Wall**

Features

Product Type Features

Wall Type	Single Wall
Tubing Product Type	Heat Shrink Tubing

Electrical Characteristics

Operating Voltage (Max)	.6 kV

Body Features

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

Dimensions

Recovered Wall Thickness (Nominal)	.5 mm[.02 in]
Recovered Wall Thickness (Tolerance)	.15 mm[.006 in]
Expanded Inside Diameter (Min)	4.74 mm[.187 in]
Recovered Inside Diameter (Max)	2.36 mm[.093 in]
Tubing Size Range	2.36 – 4.74 mm[.093 – .187 in]

Usage Conditions

Shrink Temperature (Min)	95 °C
Operating Temperature Range	-55 – 135 °C[-67 – 275 °F]
Tubing Flammability Type	Flame-Retardant
Recovery Temperature	121 °C

Operation/Application

Mechanical Resistance	Abrasion, Fluids, Mechanical Damage, Strain Relief

Product Availability

Applicable Region	Global

Packaging Features

Packaging Method	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) 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

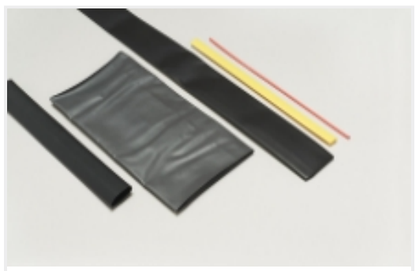
on SVHC in articles for this part number is based on the latest European Chemicals Agency (ECHA) 'Guidance on requirements for substances in articles' posted at this URL: https://echa.europa.eu/guidance-documents/guidance-on-reach

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(43)



Power Cable Tubing & Accessories(5)



Single Wall Tubing(842)

Customers Also Bought



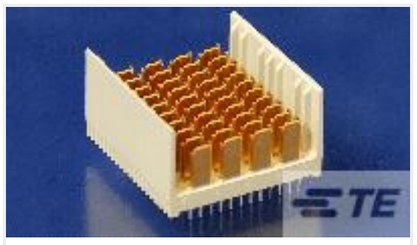
TE Part #66180-1
III+ PIN,SOLDER,30AU,10AU FLASH,LP



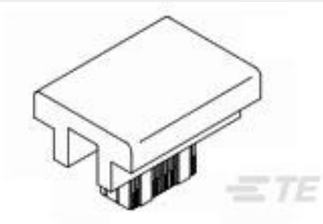
TE Part #66181-1
III+ SKT,SOLDER,30AU,10AU FLASH,LP



TE Part #211769-1
17-9 CPC RECEPT REV SEX



TE Part #6469002-1
HM-ZD 4PR HDR 80P 5.2MM



TE Part #91349-4
SEATING TL,HDR,4 PR, 20 COL

Documents

Product Drawings

RNF-100-3/16-BK-SP-SM

English

Datasheets & Catalog Pages

Selecting_Correct_Tubing_1216

English

Application Tooling for Raychem Heat Shrink Product

English

Measuring_Single_Wall_Tubing

English

RNF-100 Pages from 9-1773447-9

English

Product Specifications

Quality Specification

English

Agency Approvals

UL

English