

RNF-100-1/2-BK-1.5IN

✓ ACTIVE

Raychem | Raychem RNF-100

TE Internal #: CF4690-000

Raychem RNF-100, Heat Shrink Tubing, Black, Single Wall Type,
12.7 Expanded Inside Diameter (Min) .5 Expanded Inside Diameter
(Min)

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Heat Shrink Tubing > Single Wall RNF-100 Spool HS Tubing



Primary Product Color: **Black**

Wall Type: **Single**

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

Recovered Inside Diameter (Max): **6.35 mm [.25 in]**

Shrink Ratio: **2:1**

[All Single Wall RNF-100 Spool HS Tubing \(114\)](#)

Features

Product Type Features

Product Family	RNF-100
Wall Type	Single

Electrical Characteristics

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 (Tolerance)	.15 mm[.006 in]
Cut Length	38.1 mm[1.496 in][1.5 in]
Recovered Wall Thickness (Nominal)	.64 mm[.025 in]
Expanded Inside Diameter (Min)	12.7 mm[.5 in]
Recovered Inside Diameter (Max)	6.35 mm[.25 in]



Usage Conditions

Fluid Resistance	Splash Protection
Shrink Temperature (Min)	95 °C
Heat Shrink Tubing Flammability	Flame-Retardant
Operating Temperature Range	-55 – 135 °C
Heat Shrink Tubing Resistance	Abrasion, Fluids, Mechanical Damage, Strain
Recovery Temperature	121 °C

Product Availability

Applicable Region	Global
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Packaging Features

Packaging Method	Piece
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Other

Meets Low Outgassing Requirements	No
Product Source	US

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: JAN 2021 (211) Candidate List Declared Against: JAN 2021 (211) 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 # 2280355-1 220 V MODEL 17	 TE Part # 529535-2 RBK ILS PROCESSOR MK 4	 TE Part # 2234800-1 RBK-X1 STD	 TE Part # 2234800-2 RBK-X1 CE STD
 TE Part # 2280355-3 110 V MODEL 17	 TE Part # 2280355-4 110 V MODEL 17 REVERSE	 TE Part # 2326489-1 MODEL 105 TUNNEL OVEN, 36" ENTRY, STAND A	 TE Part # 2375310-1 XB17 Belt Heater, 220V
 TE Part # 2375310-2 XB17 Belt Heater, 110V	 TE Part # 2375320-1 XB19 Belt Heater, STD	 TE Part # 2375320-2 XB19 Belt Heater, 150mm (6") Version	 TE Part # 2376800-1 RBK-X1C STD
 TE Part # 2376800-2 RBK-X1C CE STD	 TE Part # 529535-5 RBK-MK 4 EXTERNAL RELEASE + FRONT E-STOP	 TE Part # 529535-6 RBK-MK 4 FRONT E-STOP	 TE Part # 529535-7 RBK-MK 4 INCLUDED AIR COOLING

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TE Part # 529535-8
RBK-MK 4 EXTERNAL RELEASE + AIR
COOLING

TE Part # 955018-000
CLTEQ-M105-TUNNEL-OVEN

TE Part # 714529-000
CLTEQ-M19-BELT-HTR

TE Part # 1-528018-1
IR-1891 SHUTTLE RETURN

Also in the Series | Raychem RNF-100

Heat Shrink Tubing(672)

Power Cable Tubing & Accessories(8)

Customers Also Bought

TE Part #2-34567-1
TERMINAL,SOLIS R 16-14HD 10

TE Part #66579-7
TYPE VI PIN,MULTI-MATE

TE Part #66579-4
TYPE VI PIN,MULTI-MATE

TE Part #2-321896-2
STRAT, RT, 22-16 COMM 22-18 MIL,
#10, AL

TE Part #CP0294-000
Single Wall RNF-100 Spool HS Tubing

TE Part #33718
TERMINAL,BUDG R 16-14HD 10

TE Part #480100-1
FF 312 REC HSG 3P NYLON BLACK

TE Part #357949-000
FLHTC0311-18-5

TE Part #1776695-1
Strain Relief, D5200, Dynamic

TE Part #203795-000
FLHTC0311-16-1



Documents

Datasheets & Catalog Pages

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

English

[Application Tooling for Raychem Heat Shrink Product](#)

English

[Flexible, Flame-Retardant, High Performance, Polyolefin Heat-Shrinkable Tubing](#)

English

Product Specifications

[Quality Specification](#)

English