

RNF-100-1/4-BK-1IN

✓ ACTIVE

RAYCHEM | RAYCHEM RNF-100

TE Internal #: 505309P274

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-BK 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-BK Heat Shrink Tubing \(78\)](#)

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, Lubricating Oil, 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]
Product Length	25.4 mm[1 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]
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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	Piece
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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: JAN 2025 (247) Candidate List Declared Against: JAN 2025 (247) 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

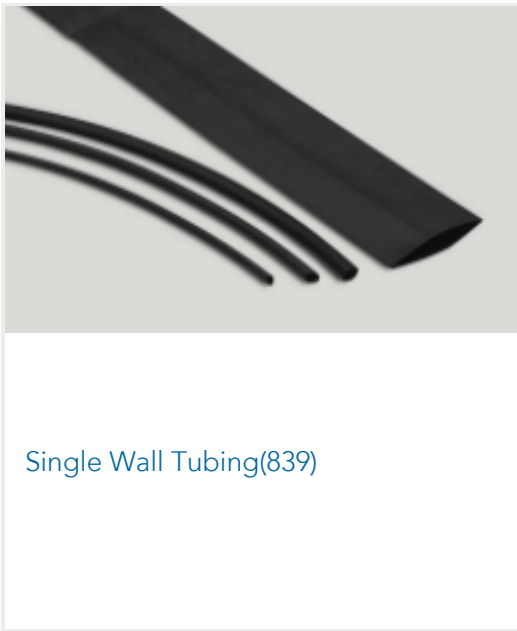
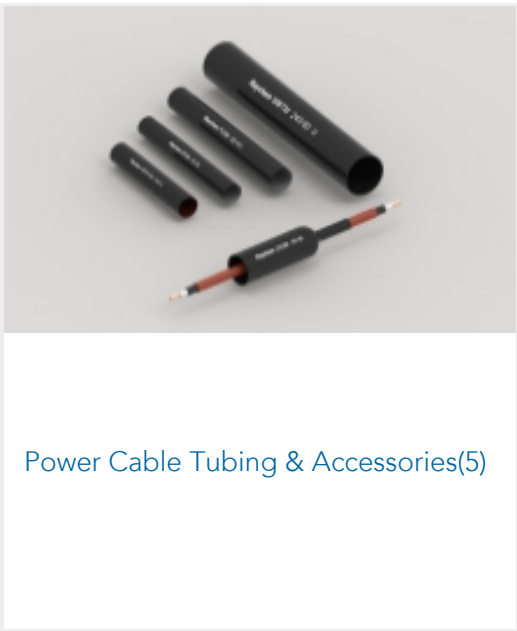
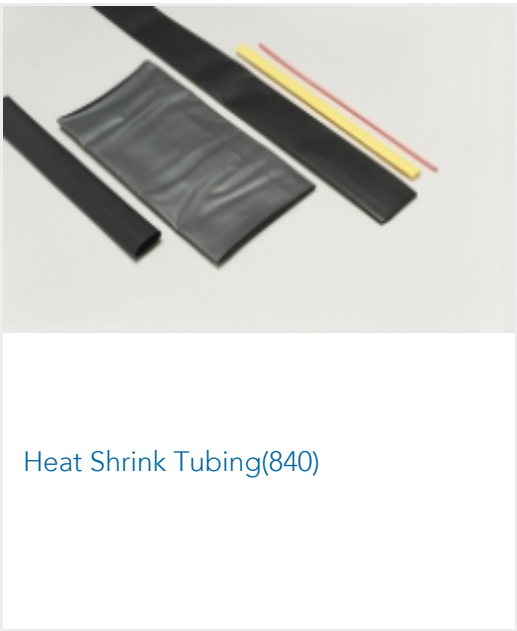
TE Part # 2326489-1 MODEL 105 TUNNEL OVEN, 36" ENTRY, STANDARD	TE Part # 1-2234800-1 RBK-X1, AUTO TRIGGER	TE Part # 1-2376800-4 RBK-X1C CE, W/ AIR COOLING	TE Part # 2375310-1 XB17 Belt Heater, 220V
TE Part # 2375320-2 XB19 Belt Heater, 150mm (6") Version	TE Part # 1-2234800-4 RBK-X1 CE, W/ AIR COOLING	TE Part # 2375310-2 XB17 Belt Heater, 110V	TE Part # 2234800-2 RBK-X1 CE STD
TE Part # 2394980-1 MOD 105 TUN OVEN, 69" ENTRY, STANDARD	TE Part # 1-2376800-3 RBK-X1C, W/ AIR COOLING	TE Part # 1-2375320-1 XB19 BELT HEATER, AUTO SHUT OFF	TE Part # 2375320-1 XB19 Belt Heater, STD
TE Part # 2376800-1 RBK-X1C STD	TE Part # 2234800-1 RBK-X1 STD	TE Part # 955018-000 CLTEQ-M105-TUNNEL-OVEN	TE Part # EG1114-000 CV1981-ST-230V1600W-EU



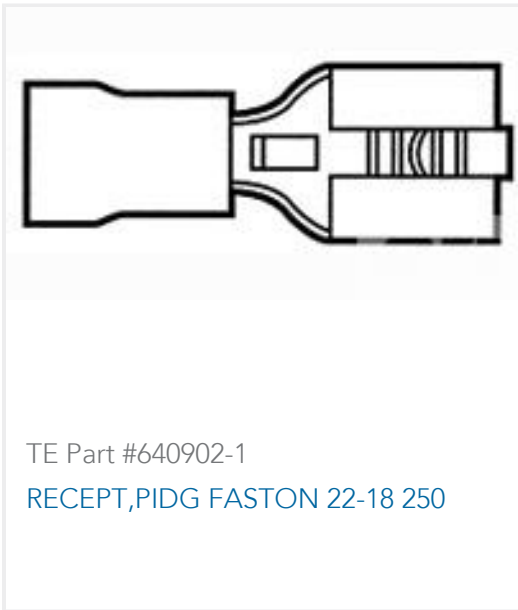
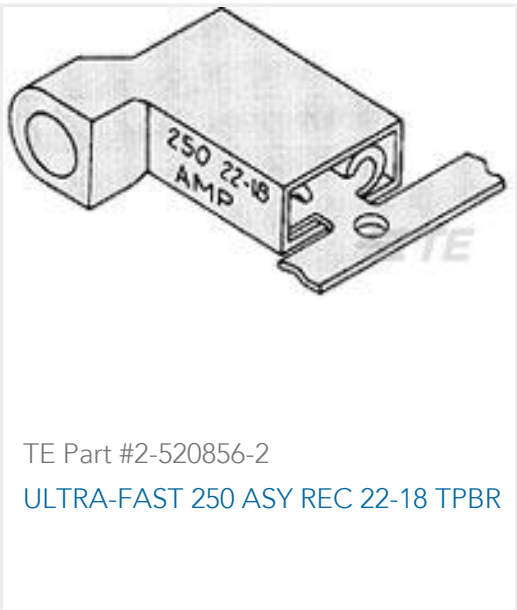
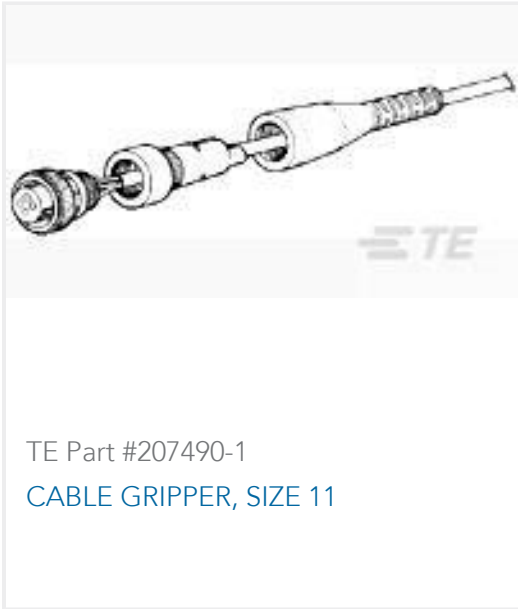
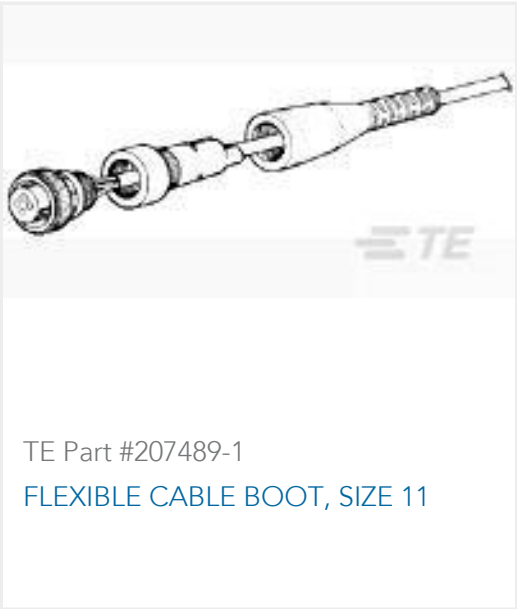


Also in the Series

RAYCHEM RNF-100



Customers Also Bought





Documents

Product Drawings

RNF-100-1/4-BK-1IN

English

Datasheets & Catalog Pages

RNF-100 Pages from 9-1773447-9

English

Product Specifications

Application Specification

English

Agency Approvals

UL

English