

NB16324001

✓ ACTIVE

RAYCHEM | RAYCHEM RW-175

TE Internal #: NB16324001

Heat Shrink Tubing, Black, 2:1, Single Wall, Shrinks To 3.18 mm [.125 in], Crosslinked Fluoropolymer, 6.35 mm [.25 in] Expanded Inside, RAYCHEM RW-175

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Heat Shrink Tubing > RW-175 Heat Shrink Tubing

Tubing Product Type: **Heat Shrink Tubing**Primary Product Color: **Black**Shrink Ratio: **2:1**Wall Type: **Single Wall**Recovered Inside Diameter (Max): **3.18 mm [.125 in]**[All RW-175 Heat Shrink Tubing \(57\)](#)

Features

Product Type Features

Tubing Product Type

Heat Shrink Tubing

Wall Type

Single Wall

Electrical Characteristics

Operating Voltage (Max)

.6 kV

Body Features

Fluid Type

Anti-Icing Fluid, Aviation Fuel, Cleaning Solvents, Gasoline, Hydraulic Fluid, Lubricating Oil, Water

Primary Product Color

Black

Shrink Ratio

2:1

Primary Product Material

Crosslinked Fluoropolymer

Flexibility

Semi-Rigid

Dimensions

Recovered Wall Thickness (Nominal)

.33 mm [.013 in]

Recovered Wall Thickness (Tolerance)

.1 mm [.004 in]

Recovered Inside Diameter (Max)

3.18 mm [.125 in]

Expanded Inside Diameter (Min)	6.35 mm [.25 in]
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Usage Conditions

Shrink Temperature (Min)	155 °C
Tubing Flammability Type	Highly Flame-Retardant
Operating Temperature Range	-55 – 175 °C
Recovery Temperature	175 °C

Operation/Application

Mechanical Resistance	Abrasion, Cut-Through, Fluids, Mechanical Damage, Strain Relief
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Product Availability

Applicable Region	Global
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Packaging Features

Packaging Method	Spool
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Other

Meets Low Outgassing Requirements	Yes
Product Source	Czech Republic

Product Compliance

For compliance documentation, visit the product page on TE.com>

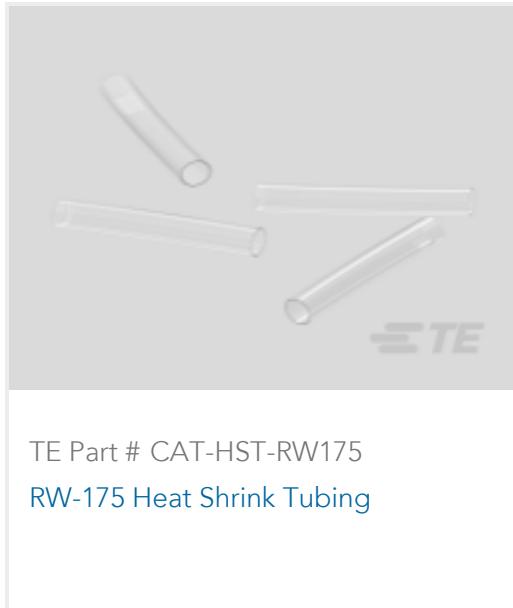
EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JAN 2025 (247) Candidate List Declared Against: JAN 2025 (247) Does not contain REACH SVHC
Halogen Content	Low Bromine/Chlorine - Br and Cl < 900 ppm per homogenous material. Also BFR /CFR/PVC Free
Solder Process Capability	Not applicable for solder process capability

Product Compliance Disclaimer

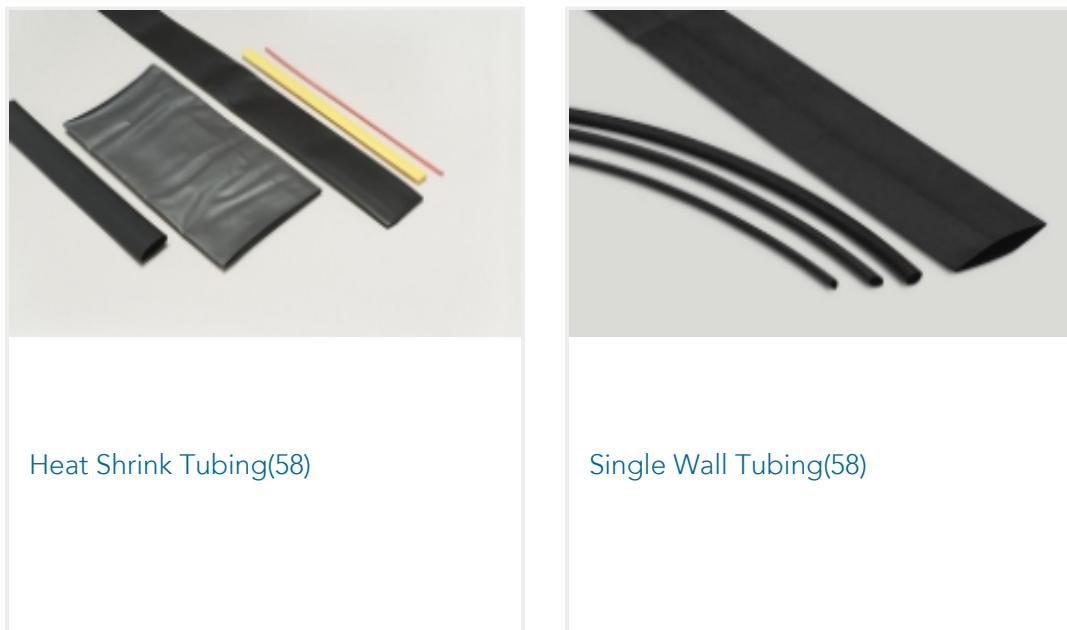
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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>

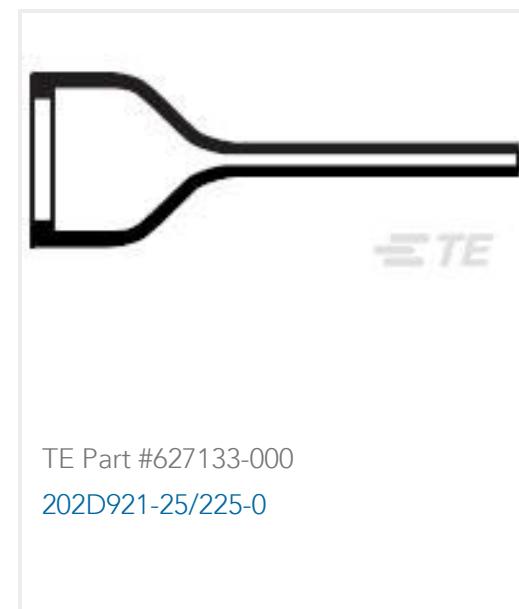
Compatible Parts



Also in the Series | RAYCHEM RW-175



Customers Also Bought





Documents

Product Drawings

[RW-175-1/4-0-SP](#)

English

Product Specifications

[Application Specification](#)

English