CV21204001 ✔ ACTIVE

RAYCHEM | RAYCHEM RW-175-E

TE Internal #: CV21204001

Heat Shrink Tubing, Clear, 2:1, Single Wall, Shrinks To 1.17 mm [.046 in], Crosslinked Polyvinylidene Fluoride, RAYCHEM RW-175-E

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Heat Shrink Tubing > RW-175-E Heat Shrink Tubing





Tubing Product Type: **Heat Shrink Tubing**

Primary Product Color: **Clear**

Wall Type: **Single Wall**

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

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

All RW-175-E Heat Shrink Tubing (24)

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, Hydraulic Fluid, Lubricating Oil, Water
Primary Product Color	Clear
Shrink Ratio	2:1
Primary Product Material	Crosslinked Polyvinylidene Fluoride
Flexibility	Semi-Rigid

Dimensions

Recovered Wall Thickness (Nominal)	.25 mm[.01 in]
Recovered Wall Thickness (Tolerance)	.25 mm[.01 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)	155 °C
Tubing Flammability Type	Highly Flame-Retardant
Operating Temperature Range	-55 – 175 °C[-55 – 347 °F]
Recovery Temperature	175 °C

Operation/Application

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

Product Availability

Applicable Region	Global

Packaging Features

Packaging Method	Reel

Other

Meets Low Outgassing Requirements	No
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	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	Low Bromine/Chlorine - Br and Cl < 900 ppm per homogenous material. Also BFR /CFR/PVC Free
Solder Process Capability	Not reviewed 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

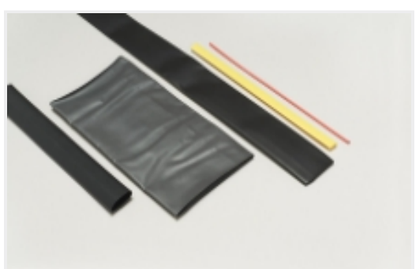
chromium, mercury, PBB, PBDE, DBP, BBP, DEHP, DIBP, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2011/65/EU (RoHS2). Finished electrical and electronic equipment products will be CE marked as required by Directive 2011/65/EU. Components may 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 RW-175-E

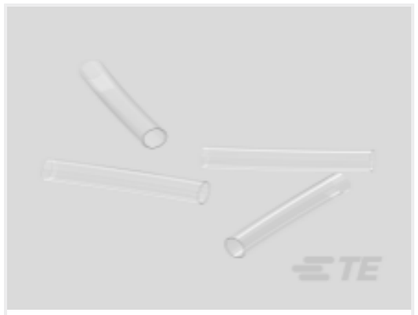


Heat Shrink Tubing(24)



Single Wall Tubing(24)

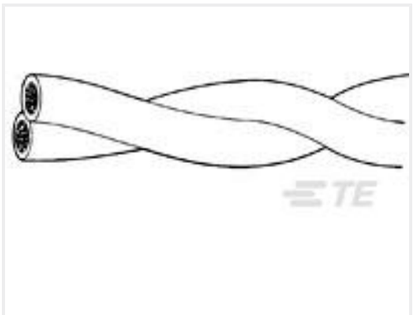
Customers Also Bought



TE Part #CAT-HST-RW175-E
RW-175-E Heat Shrink Tubing



TE Part #CAT-HST-RBKILS
RBK-ILS Heat Shrink Tubing



TE Part #083861-000
55PC0221-22-2/6CS2502



TE Part #34105
SOLIS R 22-16 COMM 22-18 MIL 6



TE Part #6-928918-3
MQS0,63 Ag tab LL unseal. 0,2-0,35



TE Part #2329906-1
Power Versa-Lock TAB, 18-20, 2X22 AWG



TE Part #2329912-1
Power Versa-Lock RECPT, 18-20, 2X22 AWG



TE Part #1-2337219-6
Power Versa-Lock CAP, 2X3 KEY A

Documents

Product Drawings

RW-175-E-3/32-X-SP

English

Datasheets & Catalog Pages

Selecting_Correct_Tubing_1216

English

Application Tooling for Raychem Heat Shrink Product

English

Measuring_Single_Wall_Tubing

English

1-1773730-1 RW-175-E Heat-Shrinkable Tubing Flyer

English

Product Specifications

Quality Specification

English

Agency Approvals

UL

English