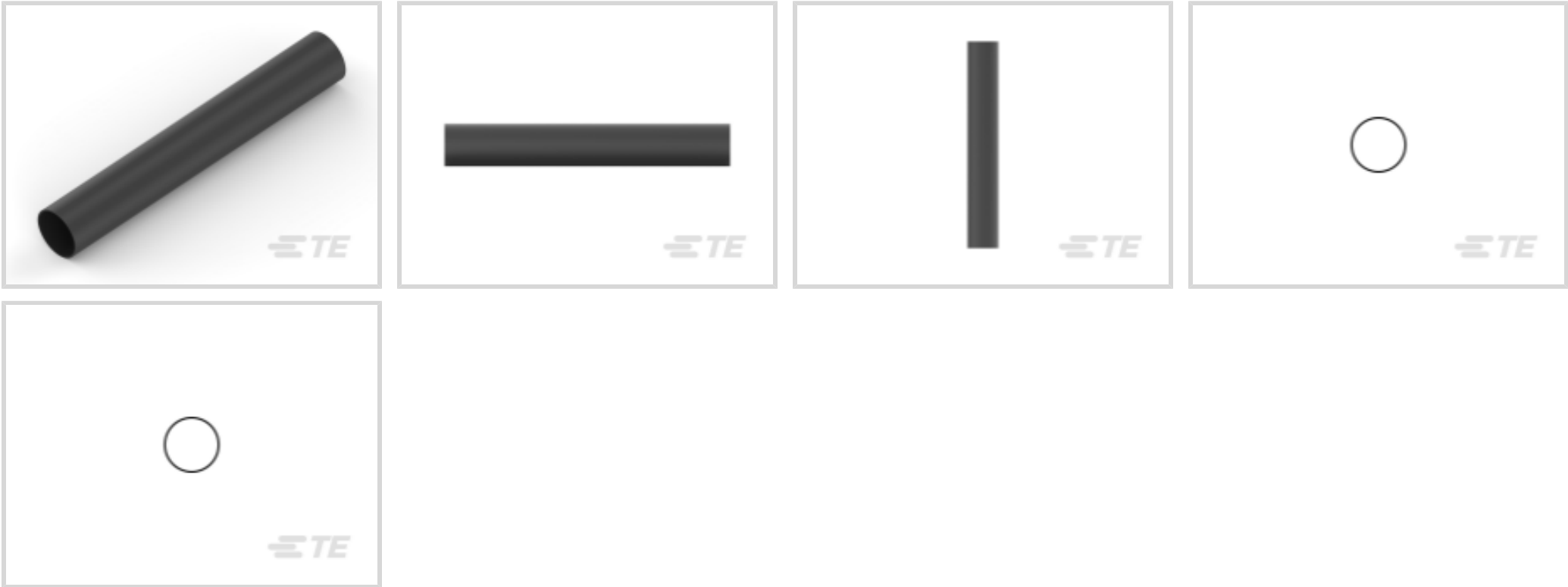




Heat Shrink Tubing > ATUM 3:1 Heat Shrink Tubing



Tubing Product Type: **Heat Shrink Tubing**

Primary Product Color: **Black**

Shrink Ratio: **3:1**

Wall Type: **Dual Wall**

Recovered Inside Diameter (Max): **1.5 mm [.059 in]**

[All ATUM 3:1 Heat Shrink Tubing \(135\)](#)

Features

Product Type Features

Tubing Product Type	Heat Shrink Tubing
Wall Type	Dual Wall

Electrical Characteristics

Operating Voltage (Max)	.6 kV
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Body Features

Fluid Type	Aviation Fuel, Chemicals/Solvents, De-Icing Fluid, Diesel Fuel, Hydraulic Fluid, Lubricating Oil
Primary Product Color	Black
Shrink Ratio	3:1
Primary Product Material	Irradiated Modified Polyolefin
Flexibility	Semi-Flexible

Dimensions



Recovered Wall Thickness (Nominal)	1 mm[.039 in]
Product Length	1220 mm[48.031 in]
Recovered Wall Thickness (Tolerance)	.3 mm[.012 in]
Recovered Inside Diameter (Max)	1.5 mm[.059 in]
Expanded Inside Diameter (Min)	4.5 mm[.177 in]
Tubing Size Range	1.5 – 4.5 mm[.059 – .177 in]

Usage Conditions

Shrink Temperature (Min)	80 °C
Tubing Flammability Type	Flame-Retardant
Operating Temperature Range	-55 – 110 °C
Recovery Temperature	110 °C

Operation/Application

Mechanical Resistance	Fluids, Mechanical Damage, Strain Relief
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Product Availability

Applicable Region	Global
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Packaging Features

Packaging Method	Bag & Box
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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	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) SVHC > Threshold: DBMC (5% in 16982002840) Article Safe Usage Statements: Wash thoroughly after handling. Do not handle until all safety precautions have been read and understood. Recycle if possible and dispose of the article by following all applicable governmental regulations relevant to your geographic location.



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

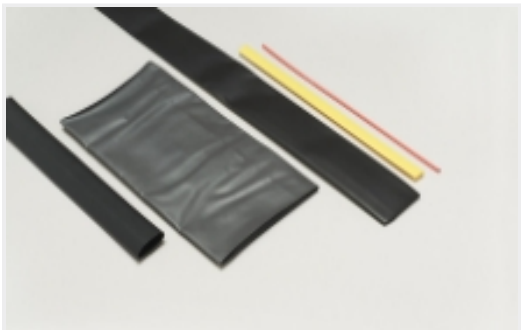


TE Part # EG1114-000
CV1981-ST-230V1600W-EU

Also in the Series | RAYCHEM ATUM



Dual Wall Tubing(220)



Heat Shrink Tubing(220)



Orange Heat Shrink Tubing(1)

Customers Also Bought





TE Part #42236-1
110 FASTON REC 22-20 AWG TPBR



TE Part #234201-E
SMCB 80 F AB VV 7-23 CL * H007 137 E002



TE Part #130118
PIDG RING TONGUE



TE Part #2176237-5
CPF A 0603 22R 0.1% 25PPM 5K RL



TE Part #CAT-AB0-E1601
Plastic Cable Glands Without Locknut



TE Part #3-1879501-7
CRGH2512 5% 33R 2W



TE Part #CAT-HST-ATUM2
ATUM 3:1 Heat Shrink Tubing

Documents

Product Drawings
ATUM-4.5/1.5-0-STK

English

Datasheets & Catalog Pages
ATUM Tubing

English

Product Specifications
Application Specification

English