NB09012001 ✔ ACTIVE

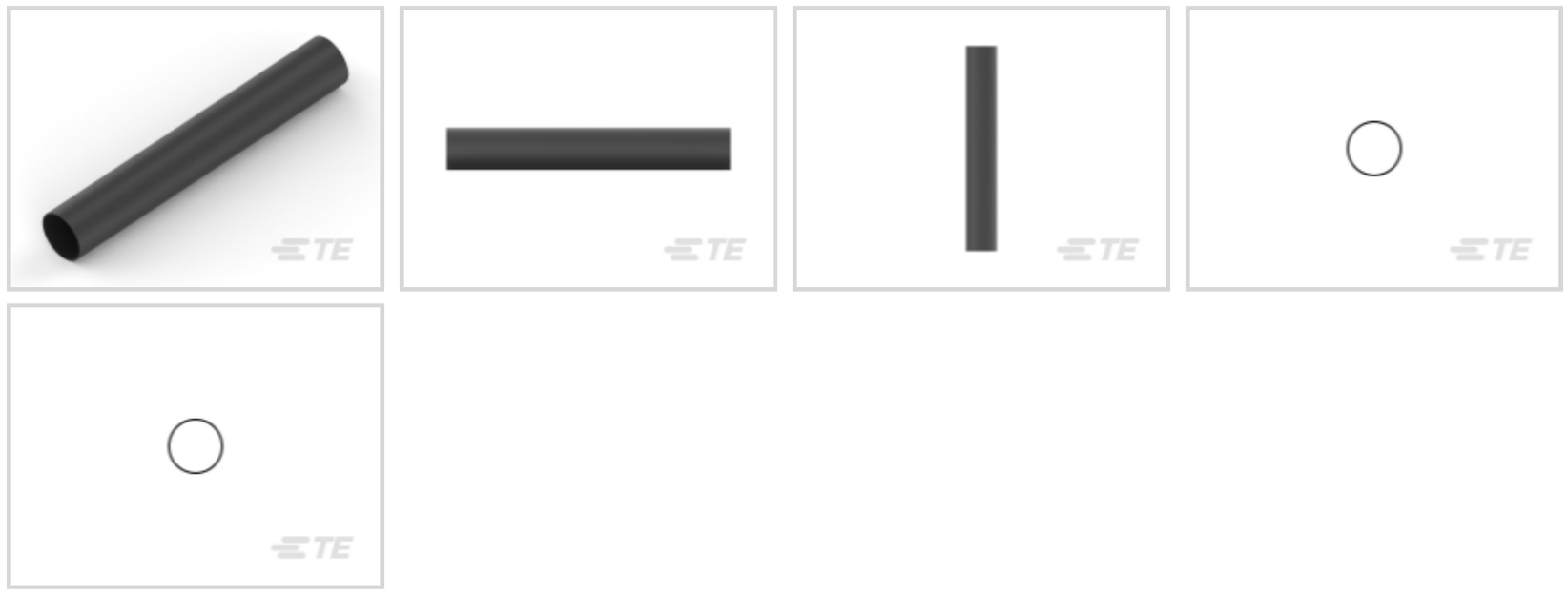
RAYCHEM | RAYCHEM ATUM

TE Internal #: NB09012001

Heat Shrink Tubing, Black, 4:1, Dual Wall, Shrinks To 3 mm [.118 in], Irradiated Modified Polyolefin, 12 mm [.472 in] Expanded Inside, RAYCHEM ATUM

View on TE.com >

Heat Shrink Tubing > ATUM 4:1 Heat Shrink Tubing



Tubing Product Type: **Heat Shrink Tubing**

Primary Product Color: **Black**

Wall Type: **Dual Wall**

Expanded Inside Diameter (Min): **12 mm [.472 in]**

Recovered Inside Diameter (Max): **3 mm [.118 in]**

All ATUM 4:1 Heat Shrink Tubing (85)

Features

Product Type Features

Tubing Product Type	Heat Shrink Tubing
Wall Type	Dual Wall

Electrical Characteristics

Operating Voltage (Max)	.6 kV

Body Features

Fluid Type	Aviation Fuel, Chemicals/Solvents, De-Icing Fluid, Diesel Fuel, Hydraulic Fluid, Lubricating Oil
Primary Product Color	Black
Shrink Ratio	4:1
Primary Product Material	Irradiated Modified Polyolefin
Flexibility	Semi-Flexible

Dimensions

Recovered Wall Thickness (Nominal)	1.4 mm[.055 in]
Product Length	1220 mm[48.031 in]
Recovered Wall Thickness (Tolerance)	.3 mm[.012 in]
Expanded Inside Diameter (Min)	12 mm[.472 in]
Recovered Inside Diameter (Max)	3 mm[.118 in]
Tubing Size Range	3 – 12 mm[.118 – .472 in]

Usage Conditions

Shrink Temperature (Min)	80 °C
Tubing Flammability Type	Flame-Retardant
Operating Temperature Range	-55 – 110 °C[-67 – 230 °F]
Recovery Temperature	110 °C

Operation/Application

Mechanical Resistance	Mechanical Damage

Product Availability

Applicable Region	Global

Packaging Features

Packaging Method	Bag & Box

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) 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

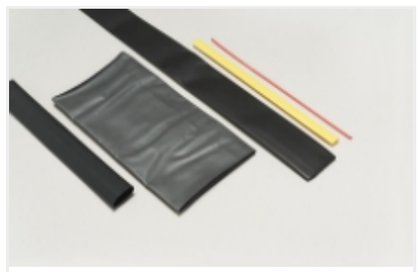


TE Part # EG1114-000
CV1981-ST-230V1600W-EU

Also in the Series | RAYCHEM ATUM



Dual Wall Tubing(220)



Heat Shrink Tubing(220)



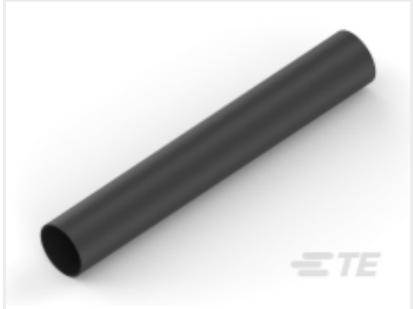
Orange Heat Shrink Tubing(1)

Customers Also Bought

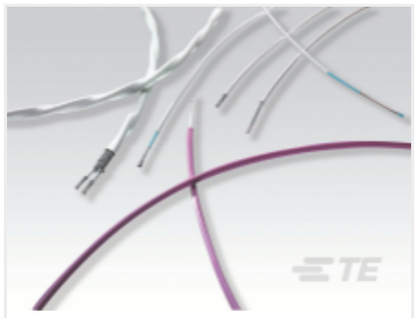
Heat Shrink Tubing, Black, 4:1, Dual Wall, Shrinks To 3 mm [.118 in], Irradiated Modified Polyolefin, 12 mm [.472 in] Expanded Inside, RAYCHEM ATUM



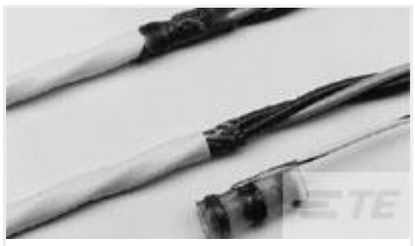
TE Part #CF5668-000
SST-10-13/97/NM



TE Part #NB10676001
ATUM-32/8-0-4.25IN



TE Part #2183843003
55A0811-24-5



TE Part #625289-000
D-141-0103



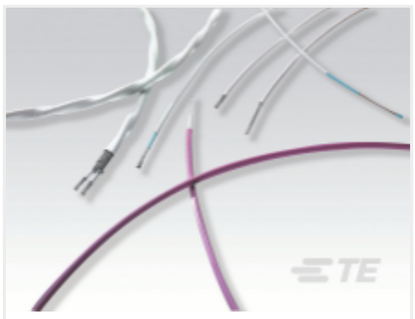
TE Part #NB11276001
ATUM-40/13-N5-0-4.5IN



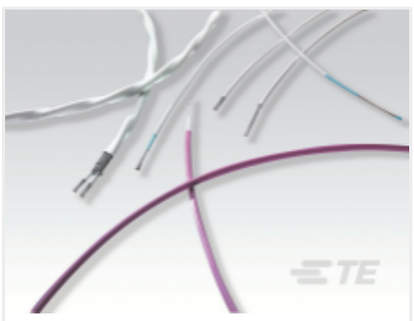
TE Part #1828352-2
VFL, 2.5 & 1.25 MM CAP



TE Part #2176507-3
CJP 200W R82 5% Lead



TE Part #987481-000
55PC2131-22-3/6/9-9CS2675



TE Part #167591-000
55PC6119-22-6/9-9-9CS2856



TE Part #504021-1
KIT,CPL RECEP,2.5MMBNT,ST

Documents

Product Drawings

ATUM-12/3-0-STK

English

Datasheets & Catalog Pages

ATUM Tubing

English

Product Specifications

Quality Specification

English