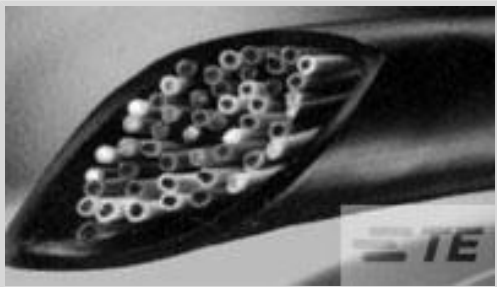




Heat Shrink Tubing > Single Wall NTFR: Heat Shrink Tubing, 1.75:1 Shrink Ratio



Tubing Product Type: **Heat Shrink Tubing**

Primary Product Color: **Black**

Shrink Ratio: **1.75:1**

Wall Type: **Single Wall**

Recovered Inside Diameter (Max): **10.88 mm [.428 in]**

[All Single Wall NTFR: Heat Shrink Tubing, 1.75:1 Shrink Ratio \(14\)](#)

Features

Product Type Features

Tubing Product Type	Heat Shrink Tubing
Wall Type	Single Wall

Body Features

Material Systems Code	20
Fluid Type	Aviation Fuel, Brake Fluid, Chemicals /Solvents, De-Icing Fluid, Diesel Fuel, Hydraulic Fluid, Lubricating Oil, Water
Primary Product Color	Black
Shrink Ratio	1.75:1
Primary Product Material	Chlorinated Polyolefin
Flexibility	Very Flexible

Dimensions

Recovered Wall Thickness (Nominal)	1.44 mm[.057 in]
Recovered Wall Thickness (Tolerance)	.76 mm[.03 in]
Recovered Inside Diameter (Max)	10.88 mm[.428 in]
Expanded Inside Diameter (Min)	19.05 mm[.75 in]
Tubing Size Range	10.88 – 19.05 mm[.428 – .75 in]

Usage Conditions



Shrink Temperature (Min)	90 °C
Tubing Flammability Type	Flame-Retardant
Operating Temperature Range	-70 – 121 °C
Recovery Temperature	135 °C

Operation/Application

Mechanical Resistance	Abrasion, Fluids, Mechanical Damage, Strain Relief
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Product Availability

Applicable Region	Worldwide
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Packaging Features

Packaging Method	Spool
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Other

Meets Low Outgassing Requirements	No
Product Source	US

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	Out of Scope
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

NTFR-3/4-0-SP

Heat Shrink Tubing, Black, 1.75:1, Single Wall, Shrinks To 10.88 mm [.428 in], Chlorinated Polyolefin, 19.05 mm [.75 in] Expanded Inside

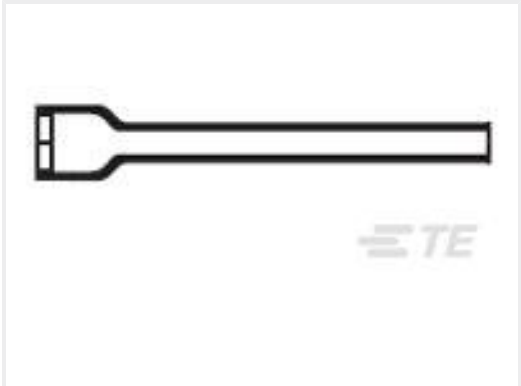


requirements for substances in articles’ posted at this URL: <https://echa.europa.eu/guidance-documents/guidance-on-reach>

Customers Also Bought



TE Part #CAT-R21-56701
Convoluted Heat Shrink Uni Boots:
Lipped, Straight



TE Part #819116-000
202F221-51-0



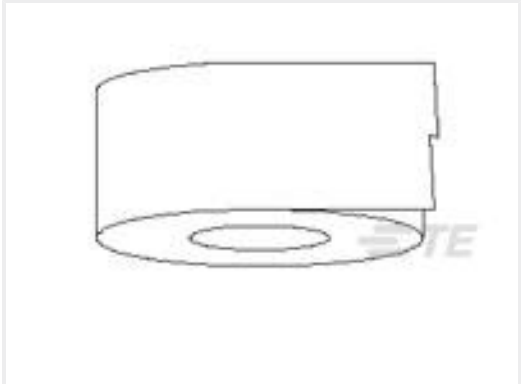
TE Part #CAT-R21-T790241
Single Wall NTFR: Heat Shrink Tubing,
1.75:1 Shrink Ratio



TE Part #1-1469372-1
ATCA GUIDE MODULE RA MALE



TE Part #CF6640-000
55A6417-22-MST4-9CS2275



TE Part #CB5637-000
NPVF050PK-100

Documents

Product Drawings

NTFR-3/4-0-SP

English

Datasheets & Catalog Pages

NTFR Pages from 9-1773447-9

English

1654025_Sec3_NTFR

English

raychem-tubing-product-selection-guide

English

Product Specifications

Product Specification

English