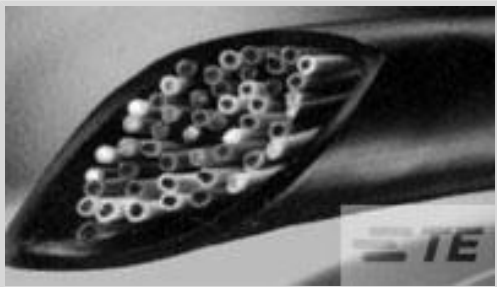




Heat Shrink Tubing > Single Wall NTFR: Heat Shrink Tubing, 1.75:1 Shrink Ratio



Tubing Product Type: **Heat Shrink Tubing**

Primary Product Color: **Black**

Shrink Ratio: **1.75:1**

Wall Type: **Single Wall**

Recovered Inside Diameter (Max): **5.45 mm [.214 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) | 1.01 mm[.04 in] |
| Recovered Wall Thickness (Tolerance) | .51 mm[.02 in] |
| Recovered Inside Diameter (Max) | 5.45 mm[.214 in] |
| Expanded Inside Diameter (Min) | 9.52 mm[.375 in] |
| Tubing Size Range | 5.45 – 9.52 mm[.214 – .375 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 |
|-----------------------|--|

Product Availability

| | |
|-------------------|-----------|
| Applicable Region | Worldwide |
|-------------------|-----------|

Packaging Features

| | |
|------------------|-------|
| Packaging Method | Spool |
|------------------|-------|

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-3/8-0-SP

Heat Shrink Tubing, Black, 1.75:1, Single Wall, Shrinks To 5.45 mm [.214 in], Chlorinated Polyolefin, 9.52 mm [.375 in] Expanded Inside

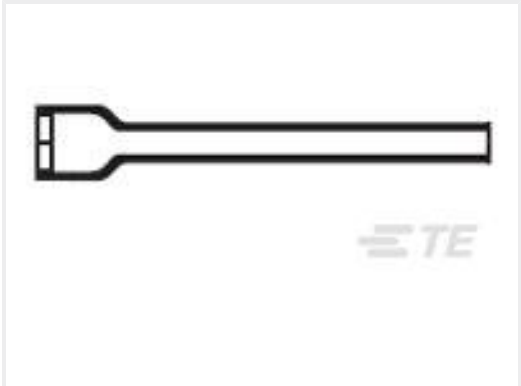


requirements for substances in articles’ posted at this URL: <https://echa.europa.eu/guidance-documents/guidance-on-reach>

Customers Also Bought



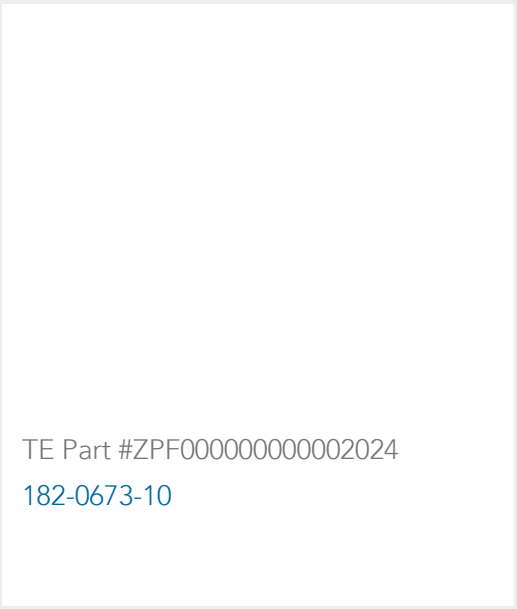
TE Part #CAT-R21-56701
[Convoluted Heat Shrink Uni Boots: Lipped, Straight](#)



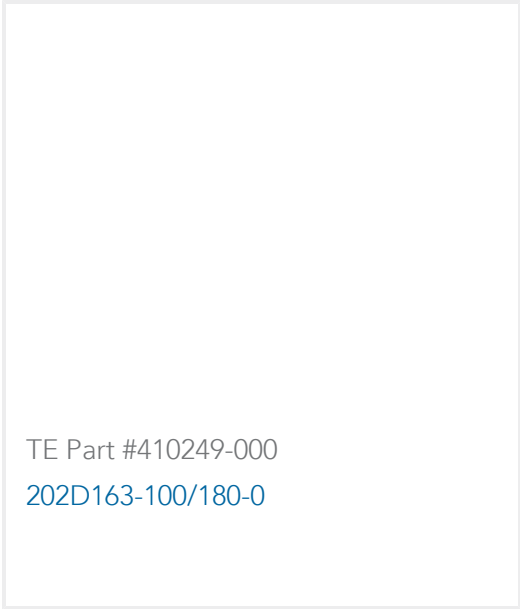
TE Part #819116-000
[202F221-51-0](#)



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



TE Part #ZPF000000000002024
[182-0673-10](#)



TE Part #410249-000
[202D163-100/180-0](#)

Documents

Product Drawings

[NTFR-3/8-0-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