

# NTFR-1/4-0-SP ✓ ACTIVE

RAYCHEM

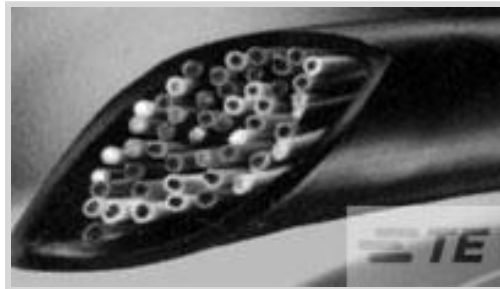
TE Internal #: 3419254003

Black, 1.75:1, Single Wall Tubing, Shrinks To .143 in [3.63 mm], Chlorinated Polyolefin, .25 in [6.35 mm] Inner Diameter, Flame-Retardant, Spool

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



Primary Product Color: **Black**

Wall Type: **Single Wall**

Expanded Inside Diameter (Min): **6.35 mm [ .25 in ]**

Recovered Inside Diameter (Max): **3.63 mm [ .143 in ]**

Shrink Ratio: **1.75:1**

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

## Features

### Product Type Features

Wall Type	Single Wall
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### Body Features

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

### Dimensions

Recovered Wall Thickness (Tolerance)	.51 mm[.02 in]
Recovered Wall Thickness (Nominal)	.88 mm[.035 in]
Expanded Inside Diameter (Min)	6.35 mm[.25 in]
Recovered Inside Diameter (Max)	3.63 mm[.143 in]
Tubing Size Range	3.63 – 6.35 mm[.143 – .25 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	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: JUNE 2023 (235) Candidate List Declared Against: JUNE 2023 (235) 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

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

## Customers Also Bought



TE Part #152873  
14-12 PIDG NYLON RT NO 8 WHITE



TE Part #326854  
BUDGET RING 16-14 2



TE Part #YDTS20F15-18PNV001  
RECP ASSY



TE Part #YDTS20F23-53PNV001  
RECP ASSY



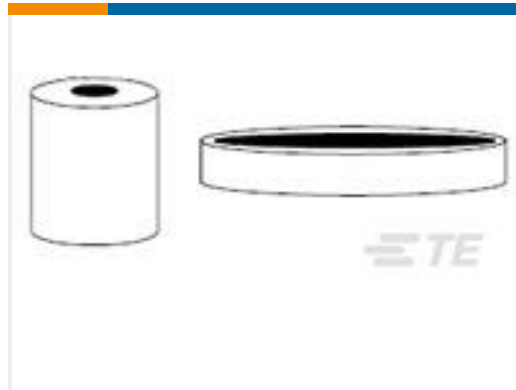
TE Part #YDTS26W17-35PCV001  
PLUG ASSY



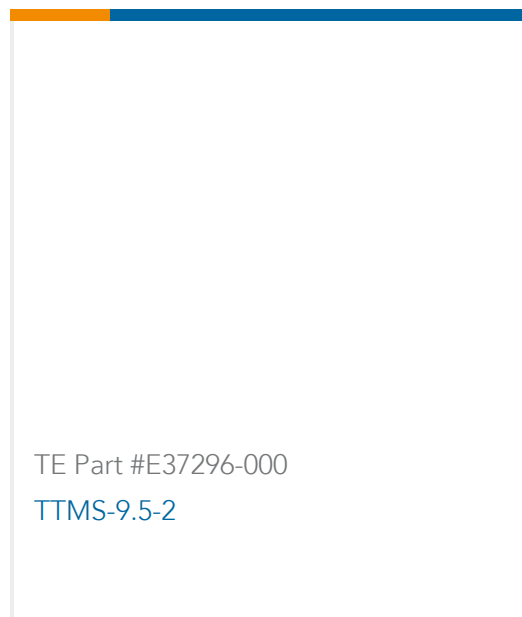
TE Part #CF0009-000  
HEX40-AB-00-19-A7-3



TE Part #2-1532180-0  
M83513/03-B04C, MCKS-C2-B-15P6G9-36.0



TE Part #769576-000  
URHR-1



TE Part #E37296-000  
TTMS-9.5-2



TE Part #D57376-000  
EP-508318-2.5-9

## Documents

### Product Drawings

[NTFR-1/4-0-SP](#)

English

### Datasheets & Catalog Pages

[raychem-tubing-product-selection-guide](#)

English

[NTFR Pages from 9-1773447-9](#)

English

[1654025\\_Sec3\\_NTFR](#)

English

### Product Specifications

[Product Specification](#)



English

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**Product Environmental Compliance**

**Safety Datasheet**

English

**Safety Datasheet**

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German

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