

# RT-780-1/4-0-SP ✓ ACTIVE

RAYCHEM

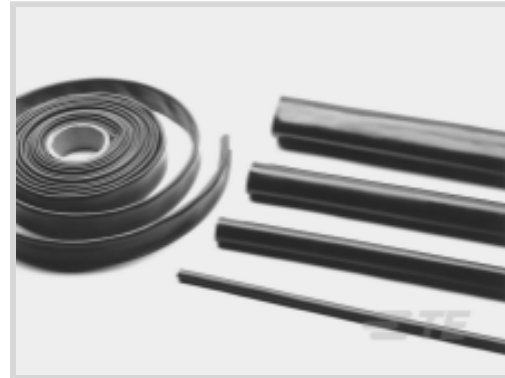
TE Internal #: F69019-000

Black, 2:1, Single Wall Tubing, Shrinks To .125 in [3.18 mm],  
Crosslinked Fluoroelastomer, .25 in [6.35 mm] Inner Diameter,  
Flame-Retardant, Piece

[View on TE.com >](#)



Heat Shrink Tubing > Single Wall RT 780: Heat Shrink Tubing, 2:1 Shrink Ratio



Primary Product Color: **Black**

Wall Type: **Single Wall**

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

Recovered Inside Diameter (Max): **3.18 mm [ .125 in ]**

Shrink Ratio: **2:1**

[All Single Wall RT 780: Heat Shrink Tubing, 2:1 Shrink Ratio \(18\)](#)

## Features

### Product Type Features

Wall Type	Single Wall
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### Body Features

Material Systems Code	780
Fluid Type	Aviation Fuel, Brake Fluid, Chemicals /Solvents, De-Icing Fluid, Diesel Fuel, Hydraulic Fluid, Lubricating Oil, Military Decontaminating Agents, Water
Primary Product Color	Black
Shrink Ratio	2:1
Primary Product Material	Crosslinked Fluoroelastomer
Flexibility	Semi-Rigid

### Dimensions

Recovered Wall Thickness (Nominal)	.0 mm[.08 in]
Expanded Inside Diameter (Min)	6.35 mm[.25 in]
Recovered Inside Diameter (Max)	3.18 mm[.125 in]
Tubing Size Range	3.18 – 6.35 mm[.125 – .25 in]

### Usage Conditions



Shrink Temperature (Min)	175 °C
Resistance Properties	Moisture
Tubing Flammability Type	Flame-Retardant
Operating Temperature Range	-55 – 175 °C
Recovery Temperature	200 °C

### Operation/Application

Mechanical Resistance	Fluids
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### Product Availability

Applicable Region	Worldwide
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### Packaging Features

Packaging Method	Piece
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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 2024 (241) Candidate List Declared Against: JAN 2024 (240) Does not contain REACH SVHC
Halogen Content	Low Bromine/Chlorine - Br and Cl < 900 ppm per homogenous material. Also BFR /CFR/PVC Free
Solder Process Capability	Not applicable for solder process capability

#### Product Compliance Disclaimer

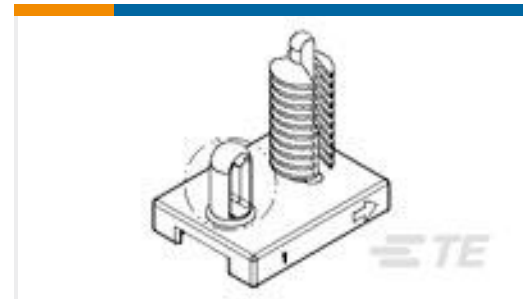
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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 #5332610001  
TMS-SCE-3/16-2.0-4



TE Part #1924487-2  
MOUNTING CLIP, AMPSEAL 16



TE Part #2141264-4  
SINGLE WIRE SEAL,AMP MCP6.3/4.8K

## Documents

### Product Drawings

[RT-780-1/4-0-SP](#)

English

### Datasheets & Catalog Pages

[1654025\\_Sec3\\_RT-780](#)

English

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

English

### Product Specifications

[Raychem RT-780 Type I Tubing Nuclear, Biological, Chemical Contamination Survivable Modified Fluoropolymer, Radiation Crosslinked, Flexible, Heat Shrinkable](#)

English