

RAYCHEM

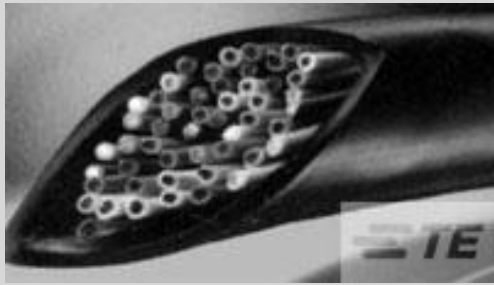
TE Internal #: E83605-000

Black, 1.75:1, Single Wall Tubing, Shrinks To 9.1 mm [.36 in], Chlorinated Polyolefin, 15.9 mm [.625 in] Inner Diameter, Flame-Retardant, Piece

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Heat Shrink Tubing > Single Wall NT MIL: Heat Shrink Tubing, 1.75:1 Shrink Ratio



Primary Product Color: **Black**

Wall Type: **Single Wall**

Expanded Inside Diameter (Min): **15.9 mm [.625 in]**

Recovered Inside Diameter (Max): **9.1 mm [.36 in]**

Shrink Ratio: **1.75:1**

[All Single Wall NT MIL: Heat Shrink Tubing, 1.75:1 Shrink Ratio \(15\)](#)

Features

Product Type Features

|           |             |
|-----------|-------------|
| Wall Type | Single Wall |
|-----------|-------------|

Body Features

|                          |                                                                                                  |
|--------------------------|--------------------------------------------------------------------------------------------------|
| Material Systems Code    | 20                                                                                               |
| Fluid Type               | Aviation Fuel, Chemicals/Solvents, Ground Vehicle Fuels, Hydraulic Fluid, Lubricating Oil, Water |
| Primary Product Color    | Black                                                                                            |
| Shrink Ratio             | 1.75:1                                                                                           |
| Primary Product Material | Chlorinated Polyolefin                                                                           |
| Flexibility              | Flexible                                                                                         |

Dimensions

|                                    |                             |
|------------------------------------|-----------------------------|
| Recovered Wall Thickness (Nominal) | 1.32 mm[.052 in]            |
| Expanded Inside Diameter (Min)     | 15.9 mm[.625 in]            |
| Recovered Inside Diameter (Max)    | 9.1 mm[.36 in]              |
| Tubing Size Range                  | 9.1 – 15.9 mm[.36 – 625 in] |

Usage Conditions

|                          |        |
|--------------------------|--------|
| Shrink Temperature (Min) | 135 °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 | Piece |
|------------------|-------|

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)<br>Candidate List Declared Against: JUNE 2024 (241)<br>Does not contain REACH SVHC |
| Halogen Content                               | BFR/CFR/PVC Free, but Br/Cl >900 ppm in other sources.                                                                          |
| 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 #6-6609107-3  
PS000SS3B=C1122



TE Part #1419111-2  
20C217=SPRING,HOLD-DOWN,KH,.03



TE Part #130599P006  
ES2000-NO.4-B7-0-STK



TE Part #770581-1  
12P MINI UMNL PLUG HSG



TE Part #2-34167-1  
TERMINAL,PG SPD 16-14 10



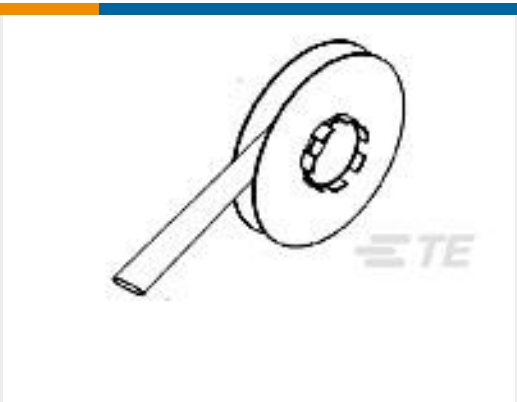
TE Part #5677584004  
RNF-3000-9/3-0-SP



TE Part #2352497-1  
BPConnAssy,Center,MULTIGIG BP Stacker



TE Part #382637-000  
TTMS-25.4-0



TE Part #141469-000  
TTMS-6.4-4

Documents

Product Drawings

NT-MIL-5/8-0-SP

English

Datasheets & Catalog Pages

1654025\_Sec3\_NT-MIL

English

Flexible, Rugged, Modified Elastomeric Heat-Shrinkable Tubing

English

Product Specifications

Raychem NT-MIL Tubing Modified Chlorinated Polyolefin, Elastomeric, Flexible, Flame Retarded, Heat-Shrinkable

English