



TE Internal #: CP4175-000

Heat Shrink Tubing, Black, Single Wall Type, 4.75 Expanded Inside Diameter (Min) .187 Expanded Inside Diameter (Min)

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Heat Shrink Tubing

Primary Product Color: **Black**

Wall Type: **Single**

Expanded Inside Diameter (Min): **4.75 mm [.187 in]**

Recovered Inside Diameter (Max): **1.19 mm [.093 in]**

Shrink Ratio: **4:1**

Features

Product Type Features

| | |
|----------------|--------|
| Product Family | MT6000 |
| Wall Type | Single |

Electrical Characteristics

| | |
|---------------|------|
| Voltage (Max) | 1 kV |
|---------------|------|

Body Features

| | |
|--------------------------|--------------------------------------|
| Fluid Type | Medical Fluids, Water |
| Primary Product Color | Black |
| Shrink Ratio | 4:1 |
| Primary Product Material | Medical Grade Crosslinked Polyolefin |
| Flexibility | Flexible |

Dimensions

| | |
|------------------------------------|------------------|
| Recovered Wall Thickness (Nominal) | .5 mm[.02 in] |
| Expanded Inside Diameter (Min) | 4.75 mm[.187 in] |
| Recovered Inside Diameter (Max) | 1.19 mm[.093 in] |

Usage Conditions

| | |
|---------------------------------|--|
| Shrink Temperature (Min) | 110 °C |
| Fluid Resistance | Moisture/Spray Protection, Splash Protection |
| Heat Shrink Tubing Flammability | Non-Flame-Retardant |
| Operating Temperature Range | -40 – 110 °C |
| Heat Shrink Tubing Resistance | Fluids, Impact, Radiation Sterilization, Strain Relief |
| Recovery Temperature | 110 °C |



Product Availability

| | |
|-------------------|--------|
| Applicable Region | Global |
|-------------------|--------|

Packaging Features

| | |
|------------------|-------------------------|
| Packaging Method | Cut Piece, Spool, Stick |
|------------------|-------------------------|

Other

| | |
|----------------|----|
| Product Source | US |
|----------------|----|

Product Compliance

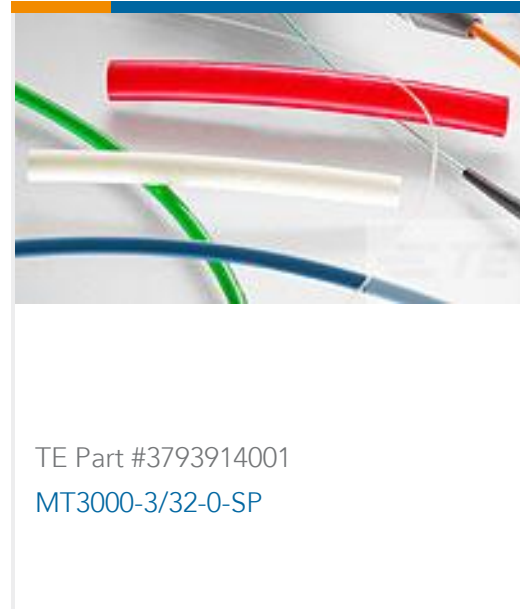
[For compliance documentation, visit the product page on TE.com>](#)

| | |
|---|---|
| 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: JUL 2021 (219) Not Yet Reviewed |
| Halogen Content | Low Halogen - Br, Cl, F, I < 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 Regulations, TE's information on SVHC in articles for this part number is still based on the European Chemical Agency (ECHA) 'Guidance on requirements for substances in articles' (Version: 2, April 2011), applying the 0.1% weight on weight concentration threshold at the finished product level. TE is aware of the European Court of Justice ruling of September 10th, 2015 also known as O5A (Once An Article Always An Article) stating that, in case of 'complex object', the threshold for a SVHC must be applied to both the product as a whole and simultaneously to each of the articles forming part of its composition. TE has evaluated this ruling based on the new ECHA "Guidance on requirements for substances in articles" (June 2017, version 4.0) and will be updating its statements accordingly.

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