



Raychem MT3000

TE Internal #: 0598034002

Raychem MT3000, Heat Shrink Tubing, Black, Single Wall, .25 mm [.25 in] Expanded Inside, .125 in [3.18 mm] Recovered Inside, 3:1 Shrink Ratio

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Heat Shrink Tubing



Primary Product Color: **Black**

Wall Type: **Single**

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

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

Shrink Ratio: **3:1**

**Features**

**Product Type Features**

Product Family	MT3000
Wall Type	Single

**Electrical Characteristics**

Voltage (Max)	1 kV
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**Body Features**

Fluid Type	Medical Fluids, Water
Primary Product Color	Black
Shrink Ratio	3:1
Primary Product Material	Medical Grade Crosslinked Fluoropolymer
Flexibility	Flexible

**Dimensions**

Recovered Wall Thickness (Nominal)	.33 mm[.013 in]
Expanded Inside Diameter (Min)	.25 mm[.25 in]
Recovered Inside Diameter (Max)	3.18 mm[.125 in]

**Usage Conditions**

Shrink Temperature (Min)	150 °C
Fluid Resistance	Moisture/Spray Protection, Splash Protection



Heat Shrink Tubing Flammability	Highly Flame-Resistant, Non-Flame-Retardant
Operating Temperature Range	-75 – 150 °C
Heat Shrink Tubing Resistance	Abrasion, Fluids, Impact, Mechanical Damage, Radiation Sterilization, Strain Relief
Recovery Temperature	150 °C

### Product Availability

Applicable Region	Global
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### Packaging Features

Packaging Method	Cut Piece, Spool, Stick
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### Other

Product Source	US
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## Product Compliance

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

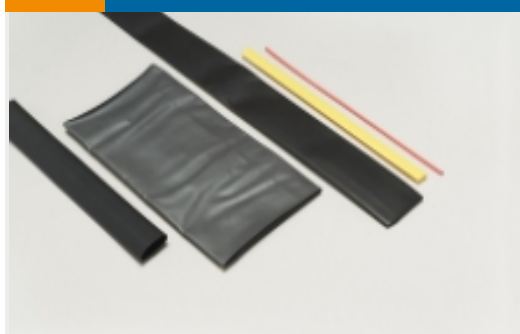
EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUL 2021 (219) Candidate List Declared Against: JAN 2019 (197) SVHC > Threshold: 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.

## Also in the Series | Raychem MT3000



Heat Shrink Tubing(9)

## Customers Also Bought



TE Part #1-963735-1  
TIMER, RECEPTACLE AND TAB



TE Part #5-1418758-1  
MCON 1.2 LL TAB STC SN



TE Part #CP5068-000  
MT-LWA-1/16-X-SP



TE Part #8149574001  
MT3000-1/8-0-SP



TE Part #CP5063-000  
MT-LWA-.188-X-SP



TE Part #2297907-1  
12 WAY IN-LINE REC PLUG ASSY



TE Part #6142174001  
MT3000-3/16-0-SP



TE Part #CS3253-000  
MT-LWA-.043-X-SP



TE Part #8182652001  
MT1000-1/16-X-STK

## Documents

[Datasheets & Catalog Pages](#)

MT3000-1/4-0-SP

Raychem MT3000, Heat Shrink Tubing, Black, Single Wall, .25 mm [.25 in] Expanded  
Inside, .125 in [3.18 mm] Recovered Inside, 3:1 Shrink Ratio



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