

FL2500-NO.4-J2-0-30MM

✓ ACTIVE

RAYCHEM | RAYCHEM FL2500

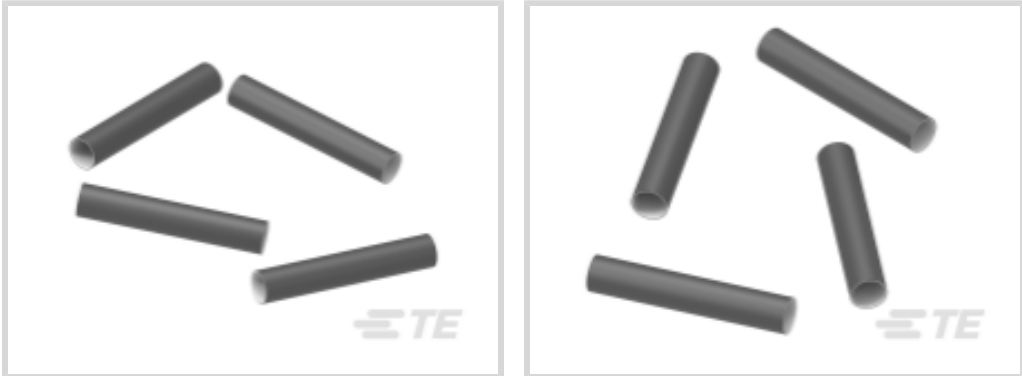
TE Internal #: C27598-000

Heat Shrink Tubing, Black, 4:1, Dual Wall, Shrinks To 4.45 mm [.175 in], Irradiated Modified Polyolefin, RAYCHEM FL2500

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Heat Shrink Tubing > FL2500 Heat Shrink Tubing



Tubing Product Type: **Heat Shrink Tubing**

Primary Product Color: **Black**

Wall Type: **Dual Wall**

Expanded Inside Diameter (Min): **17.78 mm [.7 in]**

Recovered Inside Diameter (Max): **4.45 mm [.175 in]**

[All FL2500 Heat Shrink Tubing \(49\)](#)

Features

Product Type Features

Tubing Product Type	Heat Shrink Tubing
Wall Type	Dual Wall

Electrical Characteristics

Operating Voltage (Max)	.6 kV
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Body Features

Fluid Type	Water
Primary Product Color	Black
Shrink Ratio	4:1
Primary Product Material	Irradiated Modified Polyolefin
Flexibility	Semi-Rigid

Dimensions

Product Length	30 mm[1.182 in]
Recovered Wall Thickness (Tolerance)	2.54 mm[.1 in]
Expanded Inside Diameter (Min)	17.78 mm[.7 in]
Recovered Inside Diameter (Max)	4.45 mm[.175 in]
Tubing Size Range	4.45 – 17.78 mm[.175 – .7 in]



Usage Conditions

Resistance Properties	Immersion Protection, Moisture
Shrink Temperature (Min)	110 °C
Tubing Flammability Type	Flame-Retardant
Operating Temperature Range	-40 – 135 °C[-40 – 275 °F]
Recovery Temperature	135 °C

Operation/Application

Mechanical Resistance	Abrasion
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Product Availability

Applicable Region	Global
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Packaging Features

Packaging Method	Box
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Other

Meets Low Outgassing Requirements	No
Product Source	China, Czech Republic

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	有害物质含量符合标准要求 No Restricted Substance(s) Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2025 (250) Candidate List Declared Against: JUNE 2024 (241) 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>

Compatible Parts

TE Part # 955018-000
CLTEQ-M105-TUNNEL-OVEN

Also in the Series | RAYCHEM FL2500

Dual Wall Tubing(49)

Heat Shrink Tubing(49)

Customers Also Bought

TE Part #CAT-D48-ST273
DEUTSCH Connector Solid Contacts

TE Part #CAT-D487-W416
Wedgelocks: DEUTSCH DT

TE Part #DT06-2S
PLG, 2P, GRY, N

TE Part #DT04-2P
REC, 2P, GRY, N

TE Part #206070-8
CABLE CLAMP KIT #17

TE Part #281934-2
SINGLE WIRE SEAL

TE Part #CAT-AM71-CH8172
AMP SUPERSEAL 1.5MM,
CONNECTOR HOUSING



Documents

Product Drawings

FL2500-NO.4-J2-0-30MM

English

Datasheets & Catalog Pages

Selecting_Correct_Tubing_1216

English

Application Tooling for Raychem Heat Shrink Product

English

Measuring_Single_Wall_Tubing

English

FL2500 Pages from 9-1773447-9

English

Fully Flame-Retardant, Adhesive-Lined Polyolefin Heat-Shrinkable Tubing

English

Product Specifications

Quality Specification

English