ES2000-NO.1-C1-0-90MM ✔ ACTIVE

RAYCHEM | RAYCHEM ES2000

TE Internal #: 829131P024

Heat Shrink Tubing, Black, 4:1, Dual Wall, Shrinks To 1.27 mm [.05 in], Irradiated Modified Polyolefin, RAYCHEM ES2000

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Heat Shrink Tubing





Tubing Product Type: **Heat Shrink Tubing**

Primary Product Color: **Black**

Wall Type: **Dual Wall**

Expanded Inside Diameter (Min): **5.72 mm [.225 in]**

Recovered Inside Diameter (Max): **1.27 mm [.05 in]**

Features

Product Type Features

Tubing Product Type	Heat Shrink Tubing
Wall Type	Dual Wall

Electrical Characteristics

Operating Voltage (Max)	.6 kV

Body Features

Fluid Type	Brake Fluid, Diesel Fuel, Engine Cleaner, Engine Coolant, Gasoline, Lubricating Oil, Transmission Fluid, Water, Windshield Washer Fluid
Primary Product Color	Black
Shrink Ratio	4:1
Primary Product Material	Irradiated Modified Polyolefin
Flexibility	Semi-Rigid

Dimensions

Recovered Wall Thickness (Nominal)	1.2 mm[.047 in]
Product Length	90 mm[3.543 in]
Recovered Wall Thickness (Tolerance)	1.52 mm[.06 in]
Expanded Inside Diameter (Min)	5.72 mm[.225 in]
Recovered Inside Diameter (Max)	1.27 mm[.05 in]

Tubing Size Range	0 – 90 mm[0 – 3.54 in]

Usage Conditions

Resistance Properties	Immersion Protection, Moisture
Shrink Temperature (Min)	110 °C
Tubing Flammability Type	Flame-Retardant
Operating Temperature Range	-40 – 130 °C[-40 – 266 °F]
Recovery Temperature	135 °C

Operation/Application

Mechanical Resistance	Abrasion, Fluids, Mechanical Damage, Strain Relief

Product Availability

Applicable Region	Global

Packaging Features

Packaging Method	Piece

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	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2025 (250) Candidate List Declared Against: JUNE 2025 (250) 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

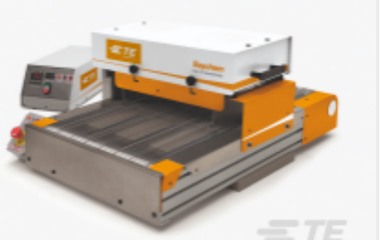
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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 # 2326489-1
MODEL 105 TUNNEL OVEN, 36" ENTRY, STANDA



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

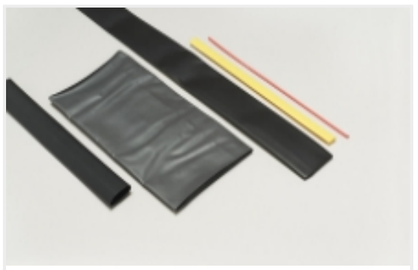


TE Part # EG1114-000
CV1981-ST-230V1600W-EU

Also in the Series | RAYCHEM ES2000



Dual Wall Tubing(126)



Heat Shrink Tubing(127)

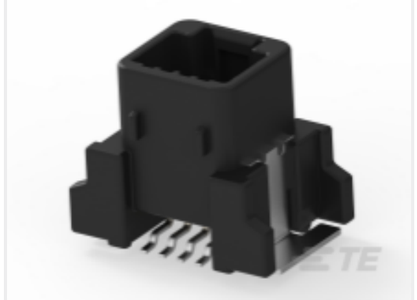
Customers Also Bought



TE Part #171353-3
S-K BINDER CABLE TIE 3.2 INS



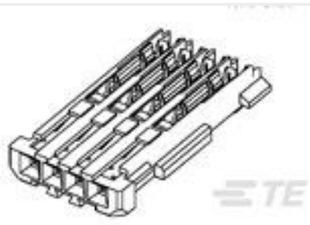
TE Part #178449-2
EJ-2 DBL LOCK PLUG ASSY 2P (D)



TE Part #1939403-1
0.64 SMD 8P CAP ASSY V-TYPE



TE Part #171581-1
070 MULTI LOCK CAP ASSY 4P V



TE Part #1717248-1
025 IDC 4POS PLUG ASSY



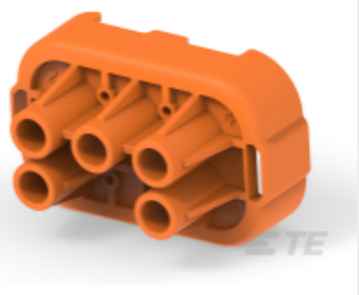
TE Part #1746865-2
0.64III/2.3II 30POS PLUG ASSY



TE Part #2381737-1
HVA630 INDIVIDUAL TYPE 2P FAMILY SEAL



TE Part #2-2382932-1
HVA630 INDIVIDUAL TYPE 5P COVER



TE Part #3-2382932-1
HVA630 INDIVIDUAL TYPE 5P COVER



TE Part #2382934-1
HVA630 INDIVIDUAL TYPE 5P FAMILY SEAL

Documents

Product Drawings

ES2000-NO.1-C1-0-90MM

English

Datasheets & Catalog Pages

Selecting_Correct_Tubing_1216

English

Application Tooling for Raychem Heat Shrink Product

English

Measuring_Single_Wall_Tubing

English

ES2000 Pages from 9-1773447-9

English

Flame-Retardant, Adhesive-Lined Heat-Shrinkable Tubing (Extended Temp. Range)

English

Product Specifications

Application Specification

English