

# SCT Heat Shrink Tubing

RAYCHEM | RAYCHEM SCT

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## Heat Shrink Tubing

TE's SCT Tubing, 4:1 shrink ratio, adhesive-lined, semi-rigid, polyolefin heat shrink tubing, extended temperature range between -40 to 150°C. SCT has a tough outer wall made of radiation crosslinked, flame-retardant, semi-rigid polyolefin.



Primary Product Color: **Black**

Wall Type: **Dual Wall**

Expanded Inside Diameter (Min): **17.78 mm**

Recovered Inside Diameter (Max): **4.45 mm**

Shrink Ratio: **4:1**

## Features

### Reference Number

TE Internal Number	CAT-HST-SCT
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### Product Type Features

Tubing Product Type	Heat Shrink Tubing
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Wall Type	Dual Wall
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### Electrical Characteristics

Operating Voltage (Max) (kV)	.6
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### Body Features

Fluid Type	ASTM, ASTM #3 Oil, ASTM Fuel C, Aviation Fuel, Brake Fluid, Diesel Fuel, Hydraulic Fluid, Lubricating Oil, Water
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Primary Product Color	Black
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Shrink Ratio	4:1
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Primary Product Material	Crosslinked Polyolefin, Irradiated Modified Polyolefin
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Flexibility	Semi-Rigid
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### Dimensions

Recovered Wall Thickness (Tolerance) (mm)	.3, 1.5, 1.52, 2.29, 2.54
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Recovered Wall Thickness (Tolerance) (in)	.012, .059, .06, .09, .1
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Product Length (mm)	15, 20, 25, 27, 30, 32, 35, 38, 40, 45, 50, 65, 70, 75, 95, 101, 150, 200, 1220
Product Length (in)	.591, .787, .984, 1.063, 1.182, 1.26, 1.378, 1.496, 1.57, 1.575, 1.77, 1.773, 1.969, 1.97, 2.559, 2.56, 2.756, 2.953, 3.74, 3.98, 5.905, 7.87, 48, 48.03
Recovered Wall Thickness (Nominal) (mm)	1.5, 1.52, 2.54
Recovered Wall Thickness (Nominal) (in)	.059, .06, .1
Recovered Inside Diameter (Max) (mm)	1.65, 2.29, 2.3, 2.5, 2.54, 4.4, 4.45, 8.38
Recovered Inside Diameter (Max) (in)	.065, .09, .091, .098, .1, .173, .175, .33
Expanded Inside Diameter (Min) (mm)	7.62, 9, 11.6, 17.78, 17.8, 27.94
Expanded Inside Diameter (Min) (in)	.3, .354, .355, .455, .456, .699, .7, .701, 1.099, 1.1, 17.78, 27.94
Tubing Size Range (mm)	2.3 - 9, 2.33 - 9, 4.45 - 17.78, 8.38 - 27.94
Tubing Size Range (in)	.09 - .354, .091 - .355, .175 - .7, .33 - 1.099, .33 - 1.1

### Usage Conditions

Shrink Temperature (Min) (°C)	110, 125
Resistance Properties	Immersion Protection, Moisture
Tubing Flammability Type	Flame-Retardant
Operating Temperature Range (°C)	-40 - 150
Recovery Temperature (°C)	135

### Operation/Application

Mechanical Resistance	Abrasion, Fluids, Mechanical Damage, Strain Relief, Vibration
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### Product Availability

Applicable Region	Global
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### Packaging Features

Packaging Method	Box, Piece, Stick
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### Other

Meets Low Outgassing Requirements	No
Product Source	China, Czech Republic

SEE PRODUCTS ON NEXT PAGE

## Products (1 of 5)



	SCT-NO.4-E2-0-200MM	SCT-NO.4-E2-0-45MM	SCT-NO.3-E3-0-20MM	SCT-NO.5-Z4-0-200MM
TE Part #	117275-000	CZ4488-000	CY7414-000	BM9089-000
Expanded Inside Diameter (Min)	17.78 mm	17.78 mm	11.6 mm	27.94 mm
Recovered Inside Diameter (Max)	4.45 mm	4.45 mm	2.5 mm	8.38 mm
Primary Product Material	Irradiated Modified Polyolefin	Irradiated Modified Polyolefin	Crosslinked Polyolefin, Irradiated Modified Polyolefin	Irradiated Modified Polyolefin
Packaging Method	Piece	Box	Piece	Box
Tubing Size Range		4.45 - 17.78 mm		8.38 - 27.94 mm
Mechanical Resistance	Abrasion, Fluids, Mechanical Damage, Strain Relief, Vibration			
Applicable Region	Global	Global	Global	Global
Product Source	China, Czech Republic	China, Czech Republic	China, Czech Republic	China, Czech Republic
EU RoHS Directive 2011/65/EU	EU RoHS Compliant	EU RoHS Compliant	EU RoHS Compliant	EU RoHS Compliant
EU ELV Directive 2000/53/EC	EU ELV Compliant	EU ELV Compliant	EU ELV Compliant	EU ELV Compliant
Product Families	RAYCHEM	RAYCHEM	RAYCHEM	RAYCHEM
Series	RAYCHEM SCT	RAYCHEM SCT	RAYCHEM SCT	RAYCHEM SCT

**\*EU RoHS Directive 2011/65/EU**

These products comply with the substance restrictions of the Restriction on Hazardous Substances Directive 2011/65/EU (RoHS2). The RoHS2 Directive requires that certain electrical and electronic equipment products do not contain mercury, cadmium, hexavalent chromium, PBB, PBDE, lead, DEHP, BBP, DBP and DIBP above defined thresholds. Products indicated as 'Compliant' do not contain any of these substances above the prohibition thresholds. Finished electrical and electronic equipment products will be CE marked as required by the Directive. Components may not be CE marked.

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## Products (2 of 5)



SCT-NO.4-E2-0-70MM

SCT-NO.2-E5-0-35MM

SCT-NO.3-C2-0-50MM-CS-18000

SCT-NO.1-E6-0-45MM

TE Part #	CY9487-000	607381P077	537637P030	543633P085
Expanded Inside Diameter (Min)	17.78 mm	9 mm	11.6 mm	7.62 mm
Recovered Inside Diameter (Max)	4.45 mm	2.3 mm	2.5 mm	1.65 mm
Primary Product Material	Irradiated Modified Polyolefin	Irradiated Modified Polyolefin	Crosslinked Polyolefin, Irradiated Modified Polyolefin	Crosslinked Polyolefin
Packaging Method	Piece	Piece	Piece	Piece
Tubing Size Range				
Mechanical Resistance	Abrasion, Fluids, Mechanical Damage, Strain Relief, Vibration			
Applicable Region	Global	Global	Global	Global
Product Source	China, Czech Republic	China, Czech Republic	China, Czech Republic	China, Czech Republic
EU RoHS Directive 2011/65/EU	EU RoHS Compliant	EU RoHS Compliant	EU RoHS Compliant	EU RoHS Compliant
EU ELV Directive 2000/53/EC	EU ELV Compliant	EU ELV Compliant	EU ELV Compliant	EU ELV Compliant
Product Families	RAYCHEM	RAYCHEM	RAYCHEM	RAYCHEM
Series	RAYCHEM SCT	RAYCHEM SCT	RAYCHEM SCT	RAYCHEM SCT

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## Products (3 of 5)



	SCT-NO.4-E2-0-35MM	SCT-NO.4-E2-0-32MM	SCT-NO.2-E5-0-30MM	SCT-NO.1-E6-0-35MM
TE Part #	CP3364-000	D37453-000	607381P064	543633P081
Expanded Inside Diameter (Min)	11.6 mm, 17.78 mm	17.78 mm	9 mm	7.62 mm
Recovered Inside Diameter (Max)	2.5 mm	4.45 mm	2.29 mm	1.65 mm
Primary Product Material	Crosslinked Polyolefin, Irradiated Modified Polyolefin	Irradiated Modified Polyolefin	Irradiated Modified Polyolefin	Crosslinked Polyolefin, Irradiated Modified Polyolefin
Packaging Method	Piece	Box	Piece	Piece
Tubing Size Range		4.45 - 17.78 mm		
Mechanical Resistance	Abrasion, Fluids, Mechanical Damage, Strain Relief, Vibration			
Applicable Region	Global	Global	Global	Global
Product Source	China, Czech Republic	China, Czech Republic	China, Czech Republic	China, Czech Republic
EU RoHS Directive 2011/65/EU	EU RoHS Compliant	EU RoHS Compliant	EU RoHS Compliant	EU RoHS Compliant
EU ELV Directive 2000/53/EC	EU ELV Compliant	EU ELV Compliant	EU ELV Compliant	EU ELV Compliant
Product Families	RAYCHEM	RAYCHEM	RAYCHEM	RAYCHEM
Series	RAYCHEM SCT	RAYCHEM SCT	RAYCHEM SCT	RAYCHEM SCT

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## Products (4 of 5)



	SCT-NO.1-E6-0-305MM	SCT-NO.1-C2-0-50MM	SCT-NO.4-E2-0-30MM	SCT-NO.4-E2-0-90MM
TE Part #	543633P070	543633P040	206247P044	206247P033
Expanded Inside Diameter (Min)	7.62 mm	7.62 mm	17.78 mm	17.78 mm
Recovered Inside Diameter (Max)	1.65 mm	1.65 mm	2.5 mm	4.45 mm
Primary Product Material	Irradiated Modified Polyolefin	Crosslinked Polyolefin	Irradiated Modified Polyolefin	Irradiated Modified Polyolefin
Packaging Method	Piece	Piece	Piece	Piece
Tubing Size Range				
Mechanical Resistance	Abrasion, Fluids, Mechanical Damage, Strain Relief, Vibration			
Applicable Region	Global	Global	Global	Global
Product Source	China, Czech Republic	China, Czech Republic	China, Czech Republic	China, Czech Republic
EU RoHS Directive 2011/65/EU	EU RoHS Compliant	EU RoHS Compliant	EU RoHS Compliant	EU RoHS Compliant
EU ELV Directive 2000/53/EC	EU ELV Compliant	EU ELV Compliant	EU ELV Compliant	EU ELV Compliant
Product Families	RAYCHEM	RAYCHEM	RAYCHEM	RAYCHEM
Series	RAYCHEM SCT	RAYCHEM SCT	RAYCHEM SCT	RAYCHEM SCT

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## Products (5 of 5)



	SCT-NO.1-E6-0-30MM	SCT-NO.2-E5-0-50MM	SCT-NO.4-E2-0-38MM	SCT-NO.3-E3-0-50MM
TE Part #	543633P086	607381P039	206247P046	537637P033
Expanded Inside Diameter (Min)	7.62 mm	9 mm	17.8 mm	11.6 mm
Recovered Inside Diameter (Max)	1.65 mm	2.29 mm	4.4 mm	2.5 mm
Primary Product Material	Irradiated Modified Polyolefin	Irradiated Modified Polyolefin	Crosslinked Polyolefin	Irradiated Modified Polyolefin
Packaging Method	Piece	Piece	Piece	Piece
Tubing Size Range				
Mechanical Resistance	Abrasion, Fluids, Mechanical Damage, Strain Relief, Vibration			
Applicable Region	Global	Global	Global	Global
Product Source	China, Czech Republic	China, Czech Republic	China, Czech Republic	China, Czech Republic
EU RoHS Directive 2011/65/EU	EU RoHS Compliant	EU RoHS Compliant	EU RoHS Compliant	EU RoHS Compliant
EU ELV Directive 2000/53/EC	EU ELV Compliant	EU ELV Compliant	EU ELV Compliant	EU ELV Compliant
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## Related Materials

[Data Sheet](#)

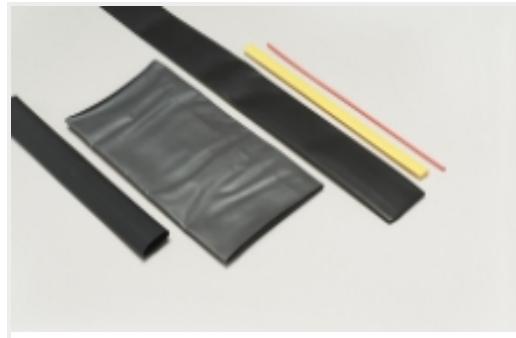
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English

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