

SST-FR Heat Shrink Tubing

RAYCHEM | RAYCHEM SST/SST-FR

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Heat Shrink Tubing

TE's SST-FR tubing is semi-rigid, 3:1 shrink ratio, single wall tubing, possesses resistance against abrasion, Fluids, Moisture and flame-retardant. The standard color is black, but also available in white, red, and yellow.



Primary Product Color: **Red**

Wall Type: **Single Wall**

Expanded Inside Diameter (Min): **27.94 mm**

Recovered Inside Diameter (Max): **9.49 mm**

Shrink Ratio: **3:1**

Features

Reference Number

TE Internal Number

CAT-HST-SST-FR

Product Type Features

Tubing Product Type

Heat Shrink Tubing

Wall Type

Single Wall

Electrical Characteristics

Operating Voltage (Max) (kV)

.6

Body Features

Fluid Type

Aviation Fuel, De-Icing Fluid, Hydraulic Fluid, Lubricating Oil, Turbine Fuel, Water

Primary Product Color

Black, Red, White

Shrink Ratio

3:1

Primary Product Material

Adhesive, Irradiated Modified Polyolefin, Polyolefin

Flexibility

Flexible, Semi-Rigid

Dimensions

Recovered Wall Thickness (Tolerance) (mm)

1.78, 2.54, 3.05, 3.56, 4.06

Recovered Wall Thickness (Tolerance) (in)

.07, .1, .12, .14, .16

Product Length (mm)

12, 101.6, 152.4, 279.4, 304.8, 305, 457.2, 762, 1219.2

Product Length (in)	4, 6, 11, 12, 18, 30, 48
Recovered Wall Thickness (Nominal) (mm)	1.78, 3.05, 3.56
Recovered Wall Thickness (Nominal) (in)	.07, .12, .14
Recovered Inside Diameter (Max) (mm)	2.54, 3.81, 5.59, 9.49, 9.58, 12.7, 19.05, 22.86, 31.75, 44.45
Recovered Inside Diameter (Max) (in)	.1, .15, .22, .374, .377, .5, .75, .9, 1.25, 1.75
Expanded Inside Diameter (Min) (mm)	7.62, 10.16, 19.05, 27.94, 33.02, 38.1, 43.18, 50.8, 68.58, 76.2, 101.6, 114.3
Expanded Inside Diameter (Min) (in)	.3, .4, .75, 1.1, 1.3, 1.5, 1.7, 2, 2.7, 3, 4, 4.5
Tubing Size Range (mm)	2.54 - 7.62, 3.81 - 10.16, 5.59 - 19.05, 9.49 - 27.94, 9.58 - 33.02, 12.7 - 38.1, 12.7 - 43.18, 19.05 - 50.8, 22.86 - 68.58, 31.75 - 76.2, 44.45 - 114.3, 44.45 - 101.6
Tubing Size Range (in)	.1 - .3, .15 - .4, .22 - .75, .374 - 1.1, .377 - 1.3, .5 - 1.7, .5 - 1.5, .75 - 2, .9 - 2.7, 1.25 - 3, 1.75 - 4, 1.75 - 4.5

Usage Conditions

Shrink Temperature (Min) (°C)	90
Resistance Properties	Moisture
Tubing Flammability Type	Flame-Retardant, Non-Flame-Retardant
Operating Temperature Range (°C)	-55 - 110, -55 - 90
Recovery Temperature (°C)	121

Operation/Application

Mechanical Resistance	Abrasion, Fluids, Moisture
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Product Availability

Applicable Region	Global
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Packaging Features

Packaging Method	Box, Piece
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Other

Meets Low Outgassing Requirements	No
Product Source	Czech Republic

SEE PRODUCTS ON NEXT PAGE

Products (1 of 5)



	SST-6-11/FR/RED/97	SST-12-20/FR/97	SST-48-11/FR/97/NM	SST-18-45/FR/97
TE Part #	CX0637-000	CN0369-000	CB5350-000	CB5301-000
Primary Product Color	Red	Black	Black	Black
Wall Type	Single Wall	Single Wall	Single Wall	Single Wall
Expanded Inside Diameter (Min)	27.94 mm	50.8 mm	27.94 mm	114.3 mm
Recovered Inside Diameter (Max)	9.49 mm	19.05 mm	9.49 mm	44.45 mm
Primary Product Material	Irradiated Modified Polyolefin	Irradiated Modified Polyolefin, Polyolefin	Irradiated Modified Polyolefin	Irradiated Modified Polyolefin
Tubing Flammability Type	Flame-Retardant	Flame-Retardant	Flame-Retardant	Flame-Retardant
Packaging Method	Piece	Piece	Box	Box
Tubing Size Range	9.49 - 27.94 mm	19.05 - 50.8 mm	9.49 - 27.94 mm	44.45 - 114.3 mm
Mechanical Resistance	Abrasion	Abrasion, Fluids, Moisture	Abrasion, Fluids, Moisture	Abrasion, Fluids, Moisture
Flexibility	Semi-Rigid	Semi-Rigid	Semi-Rigid	Semi-Rigid
Meets Low Outgassing Requirements	No	No	No	No
Applicable Region	Global	Global	Global	Global
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 SST-SR	RAYCHEM SST-SR	RAYCHEM SST-SR	RAYCHEM SST-SR

*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.

**EU ELV Directive 2000/53/EC

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Products (2 of 5)



	SST-48-11/FR/RED/97	SST-9-11/FR/97	SST-6-11/FR/97	SST-6-13/FR/97
TE Part #	CB5351-000	CB5425-000	CB5413-000	CB5417-000
Primary Product Color	Red	Black	Black	Black
Wall Type	Single Wall	Single Wall	Single Wall	Single Wall
Expanded Inside Diameter (Min)	27.94 mm	27.94 mm	27.94 mm	33.02 mm
Recovered Inside Diameter (Max)	9.49 mm	9.49 mm	9.49 mm	9.58 mm
Primary Product Material	Irradiated Modified Polyolefin	Irradiated Modified Polyolefin	Irradiated Modified Polyolefin	Irradiated Modified Polyolefin
Tubing Flammability Type	Flame-Retardant	Flame-Retardant	Flame-Retardant	Flame-Retardant
Packaging Method	Box	Piece	Piece	Box
Tubing Size Range	9.49 - 27.94 mm	9.49 - 27.94 mm	9.49 - 27.94 mm	9.58 - 33.02 mm
Mechanical Resistance	Abrasion, Fluids, Moisture	Abrasion, Fluids, Moisture	Abrasion, Fluids, Moisture	Abrasion, Fluids, Moisture
Flexibility	Semi-Rigid	Semi-Rigid	Semi-Rigid	Semi-Rigid
Meets Low Outgassing Requirements	No	No	No	No
Applicable Region	Global	Global	Global	Global
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 SST-SR	RAYCHEM SST-SR	RAYCHEM SST-SR	RAYCHEM SST-SR

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Products (3 of 5)



	SST-6-13/FR/97/NM	SST-48-27/FR/97/NM	SST-4-15/FR/97	SST-6-17/FR/97
TE Part #	CL5081-000	EF9758-000	CZ7028-000	CB5419-000
Primary Product Color	Black	Black	Black	Black
Wall Type	Single Wall	Single Wall	Single Wall	Single Wall
Expanded Inside Diameter (Min)	33.02 mm	68.58 mm	38.1 mm	43.18 mm
Recovered Inside Diameter (Max)	9.58 mm	22.86 mm	12.7 mm	12.7 mm
Primary Product Material	Irradiated Modified Polyolefin, Polyolefin	Irradiated Modified Polyolefin	Irradiated Modified Polyolefin	Irradiated Modified Polyolefin
Tubing Flammability Type	Non-Flame-Retardant	Flame-Retardant	Flame-Retardant	Flame-Retardant
Packaging Method	Piece	Box	Box	Piece
Tubing Size Range	9.58 - 33.02 mm	22.86 - 68.58 mm	12.7 - 38.1 mm	12.7 - 43.18 mm
Mechanical Resistance	Abrasion, Fluids, Moisture	Abrasion, Fluids, Moisture	Abrasion, Fluids, Moisture	Abrasion, Fluids, Moisture
Flexibility	Semi-Rigid	Semi-Rigid	Semi-Rigid	Semi-Rigid
Meets Low Outgassing Requirements	No	No	No	No
Applicable Region	Global	Global	Global	Global
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 SST-SR	RAYCHEM SST-SR	RAYCHEM SST-SR	RAYCHEM SST-SR

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Products (4 of 5)



	SST-4-17/FR/97	SST-48-03/FR/97/RED	SST-48-40/FR/97	SST-48-07/FR/97
TE Part #	CW5552-000	EG4905-000	CB5398-000	CB5334-000
Primary Product Color	Black	Red	Black	Black
Wall Type	Single Wall	Single Wall	Single Wall	Single Wall
Expanded Inside Diameter (Min)	43.18 mm	7.62 mm	101.6 mm	19.05 mm
Recovered Inside Diameter (Max)	12.7 mm	2.54 mm	44.45 mm	5.59 mm
Primary Product Material	Irradiated Modified Polyolefin, Polyolefin	Adhesive	Irradiated Modified Polyolefin	Irradiated Modified Polyolefin
Tubing Flammability Type	Flame-Retardant	Flame-Retardant	Flame-Retardant	Flame-Retardant
Packaging Method	Piece	Piece	Piece	Box
Tubing Size Range	12.7 - 43.18 mm	2.54 - 7.62 mm	44.45 - 101.6 mm	5.59 - 19.05 mm
Mechanical Resistance	Abrasion, Fluids, Moisture	Abrasion	Abrasion, Fluids, Moisture	Abrasion, Fluids, Moisture
Flexibility	Semi-Rigid	Flexible	Semi-Rigid	Semi-Rigid
Meets Low Outgassing Requirements	No	No	No	No
Applicable Region	Global	Global	Global	Global
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 SST-SR	RAYCHEM SST/SST-FR	RAYCHEM SST-SR	RAYCHEM SST-SR

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Products (5 of 5)



	SST-48-15/FR/WHT/97	SST-48-13/FR/97/NM	SST-48-04/FR/97/NM	SST-48-17/FR/97
TE Part #	CF3734-000	CM9131-000	CS9367-000	CB5378-000
Primary Product Color	White	Black	Black	Black
Wall Type	Single Wall	Single Wall	Single Wall	Single Wall
Expanded Inside Diameter (Min)	38.1 mm	33.02 mm	10.16 mm	43.18 mm
Recovered Inside Diameter (Max)	12.7 mm	9.58 mm	3.81 mm	12.7 mm
Primary Product Material	Irradiated Modified Polyolefin	Adhesive	Polyolefin	Irradiated Modified Polyolefin
Tubing Flammability Type	Flame-Retardant	Flame-Retardant	Flame-Retardant	Flame-Retardant
Packaging Method	Piece	Piece	Piece	Piece
Tubing Size Range	12.7 - 38.1 mm	9.58 - 33.02 mm	3.81 - 10.16 mm	12.7 - 43.18 mm
Mechanical Resistance	Abrasion, Fluids, Moisture	Abrasion	Abrasion, Fluids, Moisture	Abrasion, Fluids, Moisture
Flexibility	Semi-Rigid	Flexible	Semi-Rigid	Semi-Rigid
Meets Low Outgassing Requirements	No	No	No	No
Applicable Region	Global	Global	Global	Global
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 SST-SR	RAYCHEM SST/SST-FR	RAYCHEM SST-SR	RAYCHEM SST-SR

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Related Materials

[Catalog Section](#)

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English

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