

# Single Wall SFR: Heat Shrink Tubing, 1.75:1 Shrink Ratio



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## Heat Shrink Tubing

SFR very flexible single wall type heat shrink tubing, made of crosslinked silicone elastomer material and is available in black color with an operating temperature of -75 - 180 DEGC. These have shrink ratio of 1.75:1.



Primary Product Color: **Black**  
Wall Type: **Single Wall**  
Expanded Inside Diameter (Min): **50.8 mm**  
Recovered Inside Diameter (Max): **29 mm**  
Shrink Ratio: **1.75:1**

### Features

#### Reference Number

TE Internal Number	CAT-R21-652
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#### Product Type Features

Tubing Product Type	Heat Shrink Tubing
Wall Type	Single Wall

#### Electrical Characteristics

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

Fluid Type	Aviation Fuel, Brake Fluid, Hydraulic Fluid, Lubricating Oil, Water
Primary Product Color	Black
Shrink Ratio	1.75:1
Primary Product Material	Crosslinked Silicone Elastomer
Flexibility	Very Flexible

#### Dimensions

Recovered Wall Thickness (Nominal) (mm)	.64, .84, .88, 1.02, 1.21, 1.32, 1.44, 1.78, 2.2, 2.41, 2.71, 2.79
Recovered Wall Thickness (Nominal) (in)	.025, .033, .035, .04, .048, .052, .057, .07, .087, .095, .107, .11



Recovered Inside Diameter (Max) (mm)	1.77, 2.54, 3.6, 5.4, 7.3, 9.1, 10.9, 12.8, 14.5, 18.1, 21.8, 25.4, 29
Recovered Inside Diameter (Max) (in)	.07, .1, .142, .213, .287, .36, .429, .5, .571, .713, .858, 1, 1.142
Expanded Inside Diameter (Min) (mm)	3.18, 4.7, 6.4, 9.53, 12.7, 15.9, 19.1, 22.2, 25.4, 31.8, 38.1, 44.5, 50.8
Expanded Inside Diameter (Min) (in)	.125, .185, .252, .375, .5, .625, .75, .875, 1, 1.252, 1.5, 1.75, 2

Usage Conditions

Shrink Temperature (Min) (°C)	175
Tubing Flammability Type	Flame-Retardant
Operating Temperature Range (°C)	-75 - 180
Recovery Temperature (°C)	175

Operation/Application

Mechanical Resistance	Fluids, Strain Relief
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Product Availability

Applicable Region	Worldwide
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Packaging Features

Packaging Method	Piece
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Other

Meets Low Outgassing Requirements	No
Product Source	US

SEE PRODUCTS ON NEXT PAGE



Products (1 of 4)



	SFR-2-0-SP	SFR-1-3/4-0-SP	SFR-7/8-0-SP	SFR-1/2-0-SP
TE Part #	5660114004	5660174002	5660064004	5660034001
Expanded Inside Diameter (Min)	50.8 mm	44.5 mm	22.2 mm	12.7 mm
Recovered Inside Diameter (Max)	29 mm	25.4 mm	12.8 mm	7.3 mm
Mechanical Resistance	Fluids, Strain Relief	Fluids, Strain Relief	Fluids, Strain Relief	Fluids, Strain Relief
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 SFR	RAYCHEM SFR	RAYCHEM SFR	

**\*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**

These products comply with the substance restrictions of the End of Life Vehicles Directive 2000/53/EC (ELV). The ELV Directive requires that materials and components of vehicles do not contain mercury, cadmium, hexavalent chromium, and lead above defined thresholds. Products indicated as 'Compliant' do not contain any of these substances above the prohibition thresholds.



Products (2 of 4)



	SFR-5/8-0-SP	SFR-1-1/4-0-SP	SFR-1-1/2-0-SP	SFR-1/8-0-SP
TE Part #	5660044001	5660084001	5660094006	5660404001
Expanded Inside Diameter (Min)	15.9 mm	31.8 mm	38.1 mm	3.18 mm
Recovered Inside Diameter (Max)	9.1 mm	18.1 mm	21.8 mm	1.77 mm
Mechanical Resistance	Fluids, Strain Relief	Fluids, Strain Relief	Fluids, Strain Relief	Fluids, Strain Relief
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 SFR	RAYCHEM SFR		

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Products (3 of 4)



	SFR-1/4-0-SP	SFR-3/16-0-SP	SFR-1-0-SP	SFR-3/8-0-SP
TE Part #	5660014001	5660164003	5660074001	5660024001
Expanded Inside Diameter (Min)	6.4 mm	4.7 mm	25.4 mm	9.53 mm
Recovered Inside Diameter (Max)	3.6 mm	2.54 mm	14.5 mm	5.4 mm
Mechanical Resistance	Fluids, Strain Relief	Fluids, Strain Relief	Fluids, Strain Relief	Fluids, Strain Relief
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 SFR	RAYCHEM SFR		

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Products (4 of 4)



SFR-3/4-0-SP

TE Part #	5660054001
Expanded Inside Diameter (Min)	19.1 mm
Recovered Inside Diameter (Max)	10.9 mm
Mechanical Resistance	Fluids, Strain Relief
EU RoHS Directive 2011/65 /EU	EU RoHS Compliant
EU ELV Directive 2000/53/EC	EU ELV Compliant
Product Families	RAYCHEM
Series	RAYCHEM SFR

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