

RP-4800 Heat Shrink Tubing

RAYCHEM | RAYCHEM RP-4800

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Heat Shrink Tubing

RP-4800 heat shrink tubing, 4:1 shrink ratio, polyolefin tubing that conforms well to highly variable substrate dimensions. Shows no significant degradation when exposed to common solvents and chemicals, including aviation fuel and hydraulic fluid.



Primary Product Color: **Red**

Wall Type: **Single Wall**

Expanded Inside Diameter (Min): **50.8 mm**

Recovered Inside Diameter (Max): **13.97 mm**

Shrink Ratio: **4:1**

Features

Reference Number

TE Internal Number	CAT-HST-RP4800
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Product Type Features

Tubing Product Type	Heat Shrink Tubing
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Wall Type	Single Wall
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Electrical Characteristics

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

Fluid Type	Aviation Fuel, Hydraulic Fluid, Water
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Primary Product Color	Black, Blue, Orange, Red, White, Yellow
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Shrink Ratio	4:1
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Primary Product Material	Irradiated Modified Polyolefin
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Flexibility	Flexible
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Dimensions

Recovered Wall Thickness (Tolerance) (mm)	.36
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Recovered Wall Thickness (Tolerance) (in)	.014
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Product Length (mm)	60.96, 90, 1220
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Product Length (in)	2.4, 3.54, 48.031
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Recovered Wall Thickness (Nominal) (mm)	1.14
Recovered Wall Thickness (Nominal) (in)	.045
Recovered Inside Diameter (Max) (mm)	4.57, 6.99, 9.53, 11.74, 13.97, 17.27, 20.57, 21.34, 23.62, 26.67, 36.83
Recovered Inside Diameter (Max) (in)	.18, .275, .375, .462, .55, .68, .81, .84, .93, 1.05, 1.45
Expanded Inside Diameter (Min) (mm)	19.05, 25.4, 38.1, 50.8, 60.33, 76.2, 95.25, 101.6, 114.3
Expanded Inside Diameter (Min) (in)	.75, 1, 1.5, 2, 2.375, 3, 3.75, 4, 4.5
Tubing Size Range (mm)	6.99 - 25.4, 26.67 - 101.6
Tubing Size Range (in)	.275 - 1, 1.05 - 4

Usage Conditions

Shrink Temperature (Min) (°C)	95
Tubing Flammability Type	Flame-Retardant
Operating Temperature Range (°C)	-55 - 135
Recovery Temperature (°C)	121

Operation/Application

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

Applicable Region	Global
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Packaging Features

Packaging Method	Box, Piece, Reel, Spool, Stick
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Other

Meets Low Outgassing Requirements	No
Product Source	Czech Republic

SEE PRODUCTS ON NEXT PAGE

Products (1 of 5)



RP-4800-NO.2-2-SP

RP-4800-NO.7-9-STK

RP-4800-NO.4-4-SP

RP-4800-NO.10-6-SP

TE Part #	NB24884001	ES10932001	NB25064001	NB24684001
Primary Product Color	Red	White	Yellow	Blue
Expanded Inside Diameter (Min)	50.8 mm	76.2 mm	101.6 mm	38.1 mm
Recovered Inside Diameter (Max)	13.97 mm	21.34 mm	26.67 mm	9.53 mm
Packaging Method	Spool	Stick	Spool	Spool
Tubing Size Range				
Mechanical Resistance	Abrasion, Fluids, Mechanical Damage, 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 RP-4800	RAYCHEM RP-4800	RAYCHEM RP-4800	RAYCHEM RP-4800

*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)



	RP-4800-NO.3-9-STK	RP-4800-NO.6-2-SP	RP-4800-NO.1-9-SP	RP-4800-NO.4-2-SP
TE Part #	NB25012001	NB25124001	NB24814001	NB25054001
Primary Product Color	White	Red	White	Red
Expanded Inside Diameter (Min)	76.2 mm	60.33 mm	25.4 mm	101.6 mm
Recovered Inside Diameter (Max)	20.57 mm	17.27 mm	6.99 mm	26.67 mm
Packaging Method	Stick	Spool	Spool	Spool
Tubing Size Range				
Mechanical Resistance	Abrasion, Fluids, Mechanical Damage, 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
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Products (3 of 5)



	RP-4800-NO.5-3-SP	RP-4800-NO.4-3-SP	RP-4800-NO.7-4-STK	RP-4800-NO.5-0-SP
TE Part #	NB25094001	EP83974001	ES10092001	NB17434001
Primary Product Color	Orange	Orange	Yellow	Black
Expanded Inside Diameter (Min)	25.4 mm	101.6 mm	76.2 mm	25.4 mm
Recovered Inside Diameter (Max)	11.74 mm	26.67 mm	21.34 mm	11.74 mm
Packaging Method	Spool	Spool	Stick	Spool
Tubing Size Range		26.67 - 101.6 mm		
Mechanical Resistance	Abrasion, Fluids, Mechanical Damage, 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 RP-4800	RAYCHEM RP-4800	RAYCHEM RP-4800	RAYCHEM RP-4800

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Products (4 of 5)



	RP-4800-NO.10-4-STK	RP-4800-NO.12-0-SP	RP-4800-NO.8-9-SP	RP-4800-NO.9-0-STK
TE Part #	NB17282001	NB17354001	NB17494001	NB17512001
Primary Product Color	Yellow	Black	White	Black
Expanded Inside Diameter (Min)	38.1 mm	50.8 mm	95.25 mm	114.3 mm
Recovered Inside Diameter (Max)	9.53 mm	13.97 mm	23.62 mm	36.83 mm
Packaging Method	Stick	Reel	Spool	Stick
Tubing Size Range				
Mechanical Resistance	Abrasion, Fluids, Mechanical Damage, 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
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Products (5 of 5)



	RP-4800-NO.1-2-SP	RP-4800-NO.1-4-STK	RP-4800-NO.2-4-SP	RP-4800-NO.3-6-STK
TE Part #	NB24764001	NB24782001	NB24894001	NB24992001
Primary Product Color	Red	Yellow	Yellow	Blue
Expanded Inside Diameter (Min)	25.4 mm	25.4 mm	50.8 mm	76.2 mm
Recovered Inside Diameter (Max)	6.99 mm	6.99 mm	13.97 mm	20.57 mm
Packaging Method	Spool	Stick	Spool	Stick
Tubing Size Range				
Mechanical Resistance	Abrasion, Fluids, Mechanical Damage, 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
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Related Materials

[Catalog Section](#)

[RP-4800 Pages from 9-1773447-9](#)

English

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