

RT-375 Heat Shrink Tubing

RAYCHEM | RAYCHEM RT-375

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Heat Shrink Tubing

RT-375 Heat shrink tubing, 2:1 shrink ratio, Fluoropolymer, Semi-Flexible, and clear. Tubing is flame resistant, single walled and clear. Operating temperature between -55°C to 150°C.



Primary Product Color: **Clear**

Wall Type: **Single Wall**

Expanded Inside Diameter (Min): **6.4 mm**

Recovered Inside Diameter (Max): **3.2 mm**

Shrink Ratio: **2:1**

Features

Reference Number

TE Internal Number	CAT-HST-RT375
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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, Aviation Fuel, Hydraulic Fluid, Lubricating Oil, Water, Chemicals /Solvents, De-Icing Fluid, Hydraulic Fluid, Lubricating Oil, Water
Primary Product Color	Clear
Shrink Ratio	2:1
Primary Product Material	Crosslinked Fluoropolymer
Flexibility	Flexible

Dimensions

Recovered Wall Thickness (Tolerance) (mm)	.08, .1, .15
Recovered Wall Thickness (Tolerance) (in)	.003, .004, .006
Product Length (mm)	27, 30, 50, 1220

Product Length (in)	1.062, 1.181, 1.96, 48.031
Recovered Wall Thickness (Nominal) (mm)	.25, .3, .43, .48, .51
Recovered Wall Thickness (Nominal) (in)	.01, .012, .017, .019, .02
Recovered Inside Diameter (Max) (mm)	.58, .79, 1.17, 1.57, 2.36, 3.17, 3.2, 4.74, 4.8, 6.35, 9.5, 12.7, 19.05, 25.4
Recovered Inside Diameter (Max) (in)	.023, .031, .046, .062, .094, .125, .187, .25, .375, .5, .75, 1
Expanded Inside Diameter (Min) (mm)	1.17, 1.6, 2.36, 3.17, 4.74, 6.35, 6.4, 9.5, 12.7, 19.05, 25.4, 38.1, 50.8
Expanded Inside Diameter (Min) (in)	.046, .063, .093, .125, .187, .25, .375, .5, .75, 1, 1.5, 2
Tubing Size Range (mm)	.58 - 1.17, .79 - 1.6, 1.17 - 2.36, 1.57 - 3.17, 2.36 - 4.74, 3.17 - 6.35, 3.2 - 6.4, 4.74 - 9.5, 4.8 - 9.5, 6.35 - 12.7, 9.5 - 19.05, 12.7 - 25.4, 19.05 - 38.1, 25.4 - 50.8
Tubing Size Range (in)	.023 - .046, .031 - .063, .046 - .093, .062 - .125, .094 - .187, .125 - .25, .187 - .375, .25 - .375, .375 - .75, .5 - 1, .75 - 1.5, 1 - 2

Usage Conditions

Shrink Temperature (Min) (°C)	125
Tubing Flammability Type	Highly Flame-Retardant
Operating Temperature Range (°C)	-55 - 150
Recovery Temperature (°C)	125, 150

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	Piece, 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)



	RT-375-1/4-X-27MM	RT-375-1/8-X-SP-SM	RT-375-3/64-X-SP-SM	RT-375-3/4-X-30MM
TE Part #	7534076024	NB16004001	NB30504001	8726036007
Expanded Inside Diameter (Min)	6.4 mm	3.17 mm	1.17 mm	19.05 mm
Recovered Inside Diameter (Max)	3.2 mm	1.57 mm	.58 mm	9.5 mm
Tubing Product Type	Heat Shrink Tubing	Heat Shrink Tubing	Heat Shrink Tubing	Heat Shrink Tubing
Packaging Method	Piece	Spool	Spool	Piece
Tubing Size Range	3.2 - 6.4 mm	1.57 - 3.17 mm	.58 - 1.17 mm	3.2 - 6.4 mm
Mechanical Resistance	Mechanical Damage	Abrasion, Fluids, Mechanical Damage, Strain Relief	Abrasion, Fluids, Mechanical Damage, Strain Relief	Abrasion, Fluids, Mechanical Damage, Strain Relief
Recovery Temperature	150 °C	150 °C	150 °C	150 °C
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 RT-375	RAYCHEM RT-375	RAYCHEM RT-375	RAYCHEM RT-375

*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)



	RT-375-1/16-X-SP-SM	RT-375-1/4-X-SP-SM	RT-375-1-X-30MM	RT-375-1/2-X-SP
TE Part #	NB30514001	NB30524001	3137796007	NB15944001
Expanded Inside Diameter (Min)	1.6 mm	6.35 mm	25.4 mm	12.7 mm
Recovered Inside Diameter (Max)	.79 mm	3.17 mm	12.7 mm	6.35 mm
Tubing Product Type	Heat Shrink Tubing	Heat Shrink Tubing	Heat Shrink Tubing	Heat Shrink Tubing
Packaging Method	Spool	Spool	Piece	Spool
Tubing Size Range	.79 - 1.6 mm	3.17 - 6.35 mm	3.2 - 6.4 mm	6.35 - 12.7 mm
Mechanical Resistance	Abrasion, Fluids, Mechanical Damage, Strain Relief			
Recovery Temperature	150 °C	150 °C	150 °C	150 °C
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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Series	RAYCHEM RT-375	RAYCHEM RT-375	RAYCHEM RT-375	RAYCHEM RT-375

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Products (3 of 5)



	RT-375-1-1/2-X-SP	RT-375-1-X-SP	RT-375-2-X-SP	RT-375-1/16-X-STK
TE Part #	NB17544001	NB17554001	NB17574001	NB15932001
Expanded Inside Diameter (Min)	38.1 mm	25.4 mm	50.8 mm	1.6 mm
Recovered Inside Diameter (Max)	19.05 mm	12.7 mm	25.4 mm	.79 mm
Tubing Product Type	Heat Shrink Tubing	Heat Shrink Tubing	Heat Shrink Tubing	Heat Shrink Tubing
Packaging Method	Spool	Spool	Spool	Stick
Tubing Size Range	19.05 - 38.1 mm	12.7 - 25.4 mm	25.4 - 50.8 mm	.79 - 1.6 mm
Mechanical Resistance	Abrasion, Fluids, Mechanical Damage, Strain Relief			
Recovery Temperature	150 °C	150 °C	150 °C	150 °C
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 RT-375	RAYCHEM RT-375	RAYCHEM RT-375	RAYCHEM RT-375

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Products (4 of 5)



	RT-375-1/2-X-STK	RT-375-3/64-X-SP	RT-375-3/64-X-STK	RT-375-1/16-X-SP
TE Part #	NB15952001	NB16084001	NB16092001	NB15924001
Expanded Inside Diameter (Min)	12.7 mm	1.17 mm	1.17 mm	1.6 mm
Recovered Inside Diameter (Max)	6.35 mm	.58 mm	.58 mm	.79 mm
Tubing Product Type	Heat Shrink Tubing	Heat Shrink Tubing	Heat Shrink Tubing	Heat Shrink Tubing
Packaging Method	Stick	Spool	Stick	Spool
Tubing Size Range	6.35 - 12.7 mm	.58 - 1.17 mm	.58 - 1.17 mm	.79 - 1.6 mm
Mechanical Resistance	Abrasion, Fluids, Mechanical Damage, Strain Relief			
Recovery Temperature	150 °C	150 °C	150 °C	150 °C
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 RT-375	RAYCHEM RT-375	RAYCHEM RT-375	RAYCHEM RT-375

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Products (5 of 5)



	RT-375-3/16-X-SP-SM	RT-375-3/32-X-SP	RT-375-3/4-X-STK	RT-375-3/16-X-STK
TE Part #	NB16034001	NB16054001	NB17592001	NB16042001
Expanded Inside Diameter (Min)	4.74 mm	2.36 mm	19.05 mm	4.74 mm
Recovered Inside Diameter (Max)	2.36 mm	1.17 mm	9.5 mm	2.36 mm
Tubing Product Type	Heat Shrink Tubing	Heat Shrink Tubing	Heat Shrink Tubing	Heat Shrink Tubing
Packaging Method	Spool	Spool	Stick	Stick
Tubing Size Range	2.36 - 4.74 mm	1.17 - 2.36 mm	9.5 - 19.05 mm	2.36 - 4.74 mm
Mechanical Resistance	Abrasion, Fluids, Mechanical Damage, Strain Relief			
Recovery Temperature	150 °C	150 °C	150 °C	150 °C
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

[Selecting_Correct_Tubing_1216](#)

English

Data Sheet

[RT-375 Tubing](#)

English

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