

# RNF-150 Heat Shrink Tubing

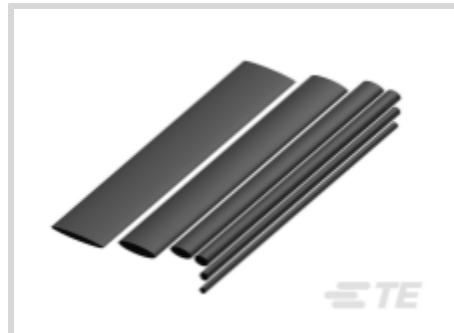
RAYCHEM | RAYCHEM RNF-150

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## Heat Shrink Tubing

RNF-150 heat shrink, 2:1 shrink ratio tubing that is flexible and made from flame resistant crosslinked fluoropolymer. Approx. 40% thinner walls than other general purpose tubings. Used for jacketing wires where abrasion resistance is required.



Primary Product Color: **Black**

Wall Type: **Single Wall**

Expanded Inside Diameter (Min): **6.35 mm**

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

Shrink Ratio: **2:1**

## Features

### Reference Number

TE Internal Number

CAT-HST-RNF150

### 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, Aviation Fuel, Hydraulic Fluid, Lubricating Oil, Water, Gasoline, Hydraulic Fluid, Lubricating Oil, Water

Primary Product Color

Black, White

Shrink Ratio

2:1

Primary Product Material

Crosslinked Fluoropolymer

Flexibility

Flexible

### Dimensions

Recovered Wall Thickness (Tolerance) (mm)

.05, .08, .1, .15, .16

Recovered Wall Thickness (Tolerance) (in)

.002, .003, .004, .006

Product Length (mm)

20, 25.4, 27, 30, 31.75, 45, 76.2

Product Length (in)	.787, 1, 1.06, 1.181, 1.25, 1.772, 3
Recovered Wall Thickness (Nominal) (mm)	.25, .3, .43, .48
Recovered Wall Thickness (Nominal) (in)	.01, .012, .017, .019
Recovered Inside Diameter (Max) (mm)	.58, .79, 1.17, 1.6, 2.36, 2.4, 3.18, 3.2, 4.75, 6.35, 6.4, 9.53, 12.7
Recovered Inside Diameter (Max) (in)	.023, .031, .046, .062, .093, .125, .187, .25, .375, .5
Expanded Inside Diameter (Min) (mm)	1.17, 1.6, 2.36, 3.18, 4.75, 4.8, 6.35, 9.53, 12.7, 19.05, 25.4
Expanded Inside Diameter (Min) (in)	.046, .063, .093, .125, .187, .25, .375, .5, .75, 1
Tubing Size Range (mm)	1.6 - 3.18, 2.4 - 4.8, 3.18 - 6.35, 6.4 - 12.7
Tubing Size Range (in)	.062 - .125, .093 - .187, .125 - .25, .25 - .5

#### Usage Conditions

Shrink Temperature (Min) (°C)	110
Tubing Flammability Type	Highly Flame-Retardant
Operating Temperature Range (°C)	-55 - 150
Recovery Temperature (°C)	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	Box, Piece, Spool
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#### Other

Meets Low Outgassing Requirements	No
Product Source	Czech Republic

SEE PRODUCTS ON NEXT PAGE

## Products (1 of 5)



	RNF-150-1/4-0-1IN-T.031	RNF-150-1/2-0-45MM	RNF-150-1/16-9-SP	RNF-150-1/8-0-30MM
TE Part #	149653P001	CU7436-000	NB24554001	EP96766001
Primary Product Color	Black	Black	White	Black
Expanded Inside Diameter (Min)	6.35 mm	12.7 mm	1.6 mm	3.18 mm
Recovered Inside Diameter (Max)	3.2 mm	6.35 mm	.79 mm	1.6 mm
Packaging Method	Piece	Piece	Spool	Box
Tubing Size Range				1.6 - 3.18 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 RNF-150	RAYCHEM RNF-150	RAYCHEM RNF-150	RAYCHEM RNF-150

## \*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)



	RNF-150-1/4-0-30MM	RNF-150-1/2-9-SP	RNF-150-1-9-SP	RNF-150-3/4-9-SP
TE Part #	EP96816001	NB24574001	NB17244001	NB24614001
Primary Product Color	Black	White	White	White
Expanded Inside Diameter (Min)	6.35 mm	12.7 mm	25.4 mm	19.05 mm
Recovered Inside Diameter (Max)	3.18 mm	6.35 mm	12.7 mm	9.53 mm
Packaging Method	Box	Spool	Spool	Spool
Tubing Size Range	3.18 - 6.35 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 RNF-150	RAYCHEM RNF-150	RAYCHEM RNF-150	RAYCHEM RNF-150

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## Products (3 of 5)



	RNF-150-3/4-0-20MM	RNF-150-1/2-0-27MM	RNF-150-1/8-9-SP	RNF-150-1/4-0-1.25IN
TE Part #	EP01356001	EF4796-000	NB15744001	530219P009
Primary Product Color	Black	Black	White	Black
Expanded Inside Diameter (Min)	19.05 mm	12.7 mm	3.18 mm	6.35 mm
Recovered Inside Diameter (Max)	9.53 mm	6.4 mm	1.6 mm	3.18 mm
Packaging Method	Piece	Box	Spool	Piece
Tubing Size Range		6.4 - 12.7 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 RNF-150	RAYCHEM RNF-150	RAYCHEM RNF-150	RAYCHEM RNF-150

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## Products (4 of 5)



	RNF-150-1/4-0-SP	RNF-150-1-0-SP	RNF-150-3/32-9-SP	RNF-150-3/16-0-3IN
TE Part #	NB15714001	NB17224001	NB24604001	F11447-000
Primary Product Color	Black	Black	White	Black
Expanded Inside Diameter (Min)	6.35 mm	25.4 mm	2.36 mm	4.8 mm
Recovered Inside Diameter (Max)	3.18 mm	12.7 mm	1.17 mm	2.4 mm
Packaging Method	Spool	Spool	Spool	Box
Tubing Size Range				2.4 - 4.8 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 RNF-150	RAYCHEM RNF-150	RAYCHEM RNF-150	RAYCHEM RNF-150

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## Products (5 of 5)



	RNF-150-3/16-0-SP	RNF-150-3/8-9-SP	RNF-150-3/16-9-SP	RNF-150-1/2-0-SP
TE Part #	NB15754001	NB15804001	NB15764001	NB15704001
Primary Product Color	Black	White	White	Black
Expanded Inside Diameter (Min)	4.75 mm	9.53 mm	4.75 mm	12.7 mm
Recovered Inside Diameter (Max)	2.36 mm	4.75 mm	2.36 mm	6.35 mm
Packaging Method	Spool	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
Product Families	RAYCHEM	RAYCHEM	RAYCHEM	RAYCHEM
Series	RAYCHEM RNF-150	RAYCHEM RNF-150	RAYCHEM RNF-150	RAYCHEM RNF-150

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## Related Materials

[Catalog Section](#)

[RNF-150 Pages from 9-1773447-9](#)

English

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