

TAT-125 Heat Shrink Tubing

RAYCHEM | RAYCHEM TAT-125

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Heat Shrink Tubing

TE's Tubing in 2:1 shrink ratio, thin adhesive lining that bonds outer tubing and surface below, forming a positive environmental seal. Seals and protects simple in-line splices, bimetallic joints, and components from fluids, moisture, and corrosion.



Primary Product Color: **Black**

Wall Type: **Dual Wall**

Expanded Inside Diameter (Min): **9.5 mm**

Recovered Inside Diameter (Max): **4.74 mm**

Shrink Ratio: **2:1**

Features

Reference Number

TE Internal Number	CAT-HST-TAT125
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Product Type Features

Tubing Product Type	Heat Shrink Tubing
Wall Type	Dual Wall

Electrical Characteristics

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

Fluid Type	Aviation Fuel, Brake Fluid, Chemicals /Solvents, Hydraulic Fluid, Lubricating Oil, Water
Primary Product Color	Black, Blue, Brown, Clear, Green, Red, White
Shrink Ratio	2:1
Primary Product Material	Crosslinked Polyolefin, Irradiated Modified Polyolefin
Flexibility	Flexible

Dimensions

Product Length (in)	1.181, 1.496, 1.5, 2, 2.125, 12.2, 48.031
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Product Length (mm)	30, 38, 38.1, 50.8, 53.98, 1220
Recovered Wall Thickness (Nominal) (mm)	.74, .76, .87, .89, .91, .96, 1.04, 1.06, 1.07, 1.2, 1.26, 1.48, 2.21
Recovered Wall Thickness (Nominal) (in)	.029, .03, .034, .035, .036, .038, .041, .042, .047, .05, .058, .087
Recovered Inside Diameter (Max) (mm)	1.6, 2.4, 3.17, 3.2, 4.74, 4.8, 6.35, 6.4, 9.5, 12.7, 19.05, 19.1, 25.4, 38.1
Recovered Inside Diameter (Max) (in)	.062, .093, .125, .187, .25, .375, .5, .75, 1, 1.5
Expanded Inside Diameter (Min) (mm)	3.2, 4.8, 6.35, 6.4, 9.5, 12.7, 19.05, 19.1, 25.4, 38.1, 50.8, 76.2
Expanded Inside Diameter (Min) (in)	.125, .187, .25, .375, .5, .75, 1, 1.5, 2, 3
Tubing Size Range (mm)	3.2 - 6.4, 1.5 - 3, 38.1 - 76.2, 4.74 - 9.5, 1.6 - 3.2, 6.35 - 12.7, 3.17 - 6.35, 25.4 - 50.8, 19.05 - 38.1, 4.8 - 9.5, 2.4 - 4.8, 12.7 - 25.4, 9.5 - 19.05, 9.5 - 19.1, 6.4 - 12.7, 19.1 - 38.1
Tubing Size Range (in)	.75 - 1.5, 1 - 2, .187 - .375, .25 - .5, .125 - .25, .375 - .75, 38.1 - 76.2, 1.5 - 3, .062 - .125, .093 - .187, .5 - 1

Usage Conditions

Shrink Temperature (Min) (°C)	95
Resistance Properties	Moisture
Tubing Flammability Type	Flame-Retardant, Non-Flame-Retardant
Operating Temperature Range (°C)	-55 - 110
Recovery Temperature (°C)	121

Operation/Application

Mechanical Resistance	Cut-Through, Flexing, Fluids, Mechanical Damage
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Product Availability

Applicable Region	Global
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Packaging Features

Packaging Method	Bag & Box, Box, Piece, Reel, Stick
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Other

Meets Low Outgassing Requirements	No
Product Source	Czech Republic

SEE PRODUCTS ON NEXT PAGE



Products (1 of 5)



TAT-125-3/8-0-STK-CS34568



TAT-125-1/2-0-STK



TAT-125-3/8-X-STK



TAT-125-3/4-9-STK

TE Part #	NB46442001	NB13892001	NB14112001	NB24282001
Primary Product Color	Black	Black	Clear	White
Expanded Inside Diameter (Min)	9.5 mm	12.7 mm	9.5 mm	19.1 mm
Recovered Inside Diameter (Max)	4.74 mm	6.4 mm	4.8 mm	9.5 mm
Primary Product Material	Irradiated Modified Polyolefin	Irradiated Modified Polyolefin	Irradiated Modified Polyolefin	Irradiated Modified Polyolefin
Tubing Flammability Type	Flame-Retardant	Flame-Retardant	Non-Flame-Retardant	Flame-Retardant
Packaging Method	Bag & Box	Bag & Box	Bag & Box	Bag & Box
Tubing Size Range	4.74 - 9.5 mm	6.4 - 12.7 mm	4.8 - 9.5 mm	9.5 - 19.1 mm
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 TAT-125	RAYCHEM TAT-125	RAYCHEM TAT-125	RAYCHEM TAT-125

*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)



TAT-125-1/4-X-STK



TAT-125-3/16-X-STK



TAT-125-3/4-1-STK



TAT-125-1/2-9-STK

TE Part #	NB24142001	NB24232001	NB35662001	NB24082001
Primary Product Color	Clear	Clear	Brown	White
Expanded Inside Diameter (Min)	6.4 mm	4.8 mm	19.05 mm	12.7 mm
Recovered Inside Diameter (Max)	3.2 mm	2.4 mm	9.5 mm	6.4 mm
Primary Product Material	Irradiated Modified Polyolefin	Irradiated Modified Polyolefin	Irradiated Modified Polyolefin	Irradiated Modified Polyolefin
Tubing Flammability Type	Non-Flame-Retardant	Non-Flame-Retardant	Flame-Retardant	Flame-Retardant
Packaging Method	Bag & Box	Bag & Box	Stick	Bag & Box
Tubing Size Range	3.2 - 6.4 mm	2.4 - 4.8 mm		6.4 - 12.7 mm
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 TAT-125	RAYCHEM TAT-125	RAYCHEM TAT-125	RAYCHEM TAT-125

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Products (3 of 5)



TAT-125-3-2-STK



TAT-125-1-1/2-0-STK-CS34568



TAT-125-3/8-0-SP-CS34568



TAT-125-3/8-2-STK-CS34568

TE Part #	NB24452001	NB46352001	NB46434001	NB46452001
Primary Product Color	Red	Black	Black	Red
Expanded Inside Diameter (Min)	76.2 mm	38.1 mm	9.5 mm	9.5 mm
Recovered Inside Diameter (Max)	38.1 mm	19.05 mm	4.74 mm	4.74 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	Bag & Box	Bag & Box	Bag & Box	Bag & Box
Tubing Size Range	1.5 - 3 mm	19.05 - 38.1 mm	4.74 - 9.5 mm	4.74 - 9.5 mm
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 TAT-125	RAYCHEM TAT-125	RAYCHEM TAT-125	RAYCHEM TAT-125

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Products (4 of 5)



TAT-125-1/4-9-STK-CS34568

TAT-125-1-6-STK-CS34568

TAT-125-1/4-0-STK-CS34568

TAT-125-1/2-2-STK-CS34568

TE Part #	NB46342001	NB46372001	ES55962001	NB46312001
Primary Product Color	White	Blue	Black	Red
Expanded Inside Diameter (Min)	6.35 mm	25.4 mm	6.4 mm	12.7 mm
Recovered Inside Diameter (Max)	3.17 mm	12.7 mm	3.2 mm	6.35 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	Bag & Box	Bag & Box	Bag & Box	Bag & Box
Tubing Size Range	3.17 - 6.35 mm	12.7 - 25.4 mm	3.2 - 6.4 mm	6.35 - 12.7 mm
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 TAT-125	RAYCHEM TAT-125	RAYCHEM TAT-125	RAYCHEM TAT-125

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Products (5 of 5)



TAT-125-1/2-9-STK-CS34568

TAT-125-1/4-0-SP-CS34568

TAT-125-1-9-STK-CS34568

TAT-125-1/2-0-2IN

TE Part #	NB46322001	NB46334001	NB46382001	EM0967-000
Primary Product Color	White	Black	White	Black
Expanded Inside Diameter (Min)	12.7 mm	6.35 mm	25.4 mm	12.7 mm
Recovered Inside Diameter (Max)	6.35 mm	3.17 mm	12.7 mm	6.4 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	Bag & Box	Reel	Bag & Box	Box
Tubing Size Range	6.35 - 12.7 mm	3.17 - 6.35 mm	12.7 - 25.4 mm	6.4 - 12.7 mm
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 TAT-125	RAYCHEM TAT-125	RAYCHEM TAT-125	RAYCHEM TAT-125

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Related Materials

Catalog Section

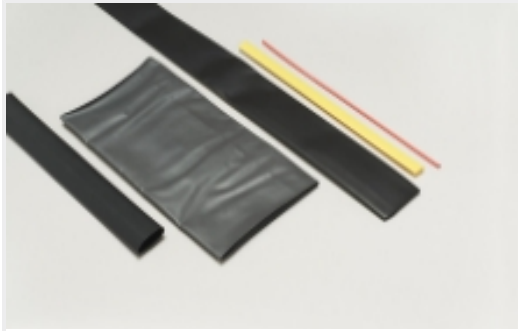
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English

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Heat Shrink Tubing(71)

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