

# 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: **White**

Wall Type: **Dual Wall**

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

Recovered Inside Diameter (Max): **4.8 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)	1.5 - 3, 1.6 - 3.2, 2.4 - 4.8, 3.17 - 6.35, 3.2 - 6.4, 4.74 - 9.5, 4.8 - 9.5, 6.35 - 12.7, 6.4 - 12.7, 9.5 - 19.05, 9.5 - 19.1, 12.7 - 25.4, 19.05 - 38.1, 19.1 - 38.1, 25.4 - 50.8, 38.1 - 76.2
Tubing Size Range (in)	.062 - .125, .093 - .187, .125 - .25, .187 - .375, .25 - .5, .375 - .75, .5 - 1, .75 - 1.5, 1 - 2, 1.5 - 3, 38.1 - 76.2

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

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Products (1 of 5)



	TAT-125-3/8-9-STK	TAT-125-1-X-STK	TAT-125-1/8-9-SP	TAT-125-1/8-X-STK
TE Part #	ES20692001	NB17652001	NB16874001	NB16882001
Primary Product Color	White	Clear	White	Clear
Expanded Inside Diameter (Min)	9.5 mm	25.4 mm	3.2 mm	3.2 mm
Recovered Inside Diameter (Max)	4.8 mm	12.7 mm	1.6 mm	1.6 mm
Primary Product Material	Irradiated Modified Polyolefin	Irradiated Modified Polyolefin	Irradiated Modified Polyolefin	Irradiated Modified Polyolefin
Tubing Flammability Type	Flame-Retardant	Non-Flame-Retardant	Flame-Retardant	Non-Flame-Retardant
Packaging Method	Bag & Box	Bag & Box	Reel	Bag & Box
Tubing Size Range	4.8 - 9.5 mm	12.7 - 25.4 mm	1.6 - 3.2 mm	1.6 - 3.2 mm
Mechanical Resistance	Cut-Through, Flexing, Fluids, Mechanical Damage	Cut-Through, Flexing, Fluids, Mechanical Damage	Cut-Through, Flexing, Fluids, Mechanical Damage	Cut-Through, Flexing, Fluids, Mechanical Damage
Meets Low Outgassing Requirements	No	No	No	No
Applicable Region	Global	Global	Global	Global
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.

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Products (2 of 5)



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

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

TAT-125-3/4-6-STK-CS34568

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

TE Part #	NB46322001	NB46342001	NB46412001	NB46334001
Primary Product Color	White	White	Blue	Black
Expanded Inside Diameter (Min)	12.7 mm	6.35 mm	19.05 mm	6.35 mm
Recovered Inside Diameter (Max)	6.35 mm	3.17 mm	9.5 mm	3.17 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	Reel
Tubing Size Range	6.35 - 12.7 mm	3.17 - 6.35 mm	9.5 - 19.05 mm	3.17 - 6.35 mm
Mechanical Resistance	Cut-Through, Flexing, Fluids, Mechanical Damage	Cut-Through, Flexing, Fluids, Mechanical Damage	Cut-Through, Flexing, Fluids, Mechanical Damage	Cut-Through, Flexing, Fluids, Mechanical Damage
Meets Low Outgassing Requirements	No	No	No	No
Applicable Region	Global	Global	Global	Global
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-125-3/4-5-STK-CS34568



TAT-125-3/4-1-STK-CS34568



TAT-125-3/4-9-STK-CS34568



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

TE Part #	NB46402001	NB46392001	NB46422001	NB46362001
Primary Product Color	Green	Brown	White	White
Expanded Inside Diameter (Min)	19.05 mm	19.05 mm	19.05 mm	38.1 mm
Recovered Inside Diameter (Max)	9.5 mm	9.5 mm	9.5 mm	19.05 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	9.5 - 19.05 mm	9.5 - 19.05 mm	9.5 - 19.05 mm	19.05 - 38.1 mm
Mechanical Resistance	Cut-Through, Flexing, Fluids, Mechanical Damage	Cut-Through, Flexing, Fluids, Mechanical Damage	Cut-Through, Flexing, Fluids, Mechanical Damage	Cut-Through, Flexing, Fluids, Mechanical Damage
Meets Low Outgassing Requirements	No	No	No	No
Applicable Region	Global	Global	Global	Global
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-125-1-9-STK-CS34568



TAT-125-1-6-STK



TAT-125-1-9-STK



TAT-125-3/4-9-STK

TE Part #	NB46382001	NB24182001	NB24192001	NB24282001
Primary Product Color	White	Blue	White	White
Expanded Inside Diameter (Min)	25.4 mm	25.4 mm	25.4 mm	19.1 mm
Recovered Inside Diameter (Max)	12.7 mm	12.7 mm	12.7 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	Flame-Retardant	Flame-Retardant
Packaging Method	Bag & Box	Bag & Box	Bag & Box	Bag & Box
Tubing Size Range	12.7 - 25.4 mm	12.7 - 25.4 mm	12.7 - 25.4 mm	9.5 - 19.1 mm
Mechanical Resistance	Cut-Through, Flexing, Fluids, Mechanical Damage	Cut-Through, Flexing, Fluids, Mechanical Damage	Cut-Through, Flexing, Fluids, Mechanical Damage	Cut-Through, Flexing, Fluids, Mechanical Damage
Meets Low Outgassing Requirements	No	No	No	No
Applicable Region	Global	Global	Global	Global
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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TAT-125-1-6-STK-CS34568



TAT-125-1/2-X-STK



TAT-125-1/2-9-STK



TAT-125-3/8-0-1IN

TE Part #	NB46372001	NB24092001	NB24082001	5500706014
Primary Product Color	Blue	Clear	White	Black
Expanded Inside Diameter (Min)	25.4 mm	12.7 mm	12.7 mm	9.5 mm
Recovered Inside Diameter (Max)	12.7 mm	6.4 mm	6.4 mm	4.8 mm
Primary Product Material	Irradiated Modified Polyolefin	Irradiated Modified Polyolefin	Irradiated Modified Polyolefin	Irradiated Modified Polyolefin
Tubing Flammability Type	Flame-Retardant	Non-Flame-Retardant	Flame-Retardant	Flame-Retardant
Packaging Method	Bag & Box	Bag & Box	Bag & Box	Box
Tubing Size Range	12.7 - 25.4 mm	6.4 - 12.7 mm	6.4 - 12.7 mm	4.8 - 9.5 mm
Mechanical Resistance	Cut-Through, Flexing, Fluids, Mechanical Damage	Cut-Through, Flexing, Fluids, Mechanical Damage	Cut-Through, Flexing, Fluids, Mechanical Damage	Cut-Through, Flexing, Fluids, Mechanical Damage
Meets Low Outgassing Requirements	No	No	No	No
Applicable Region	Global	Global	Global	Global
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

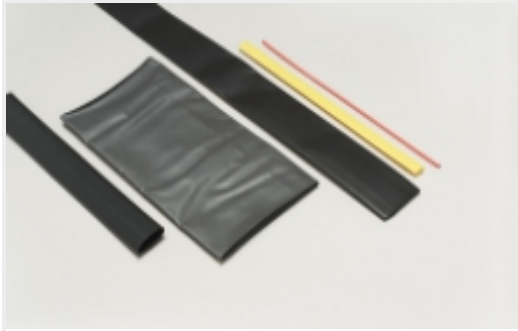
TAT Pages from 9-1773447-9

English

Also in the Series | RAYCHEM TAT-125



Dual Wall Tubing(71)



Heat Shrink Tubing(71)