

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.



Tubing Product Type: **Heat Shrink Tubing**

Primary Product Color: **Clear**

Wall Type: **Dual Wall**

Expanded Inside Diameter (Min): **12.7 mm**

Recovered Inside Diameter (Max): **6.4 mm**

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
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
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
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
Operating Temperature Range (°F)	-67 - 230
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





Products (1 of 5)



	TAT-125-1/2-X-STK	TAT-125-3/16-X-SP	TAT-125-3-9-STK	TAT-125-3/4-9-STK
TE Part #	NB24092001	NB24224001	NB24482001	NB24282001
Primary Product Color	Clear	Clear	White	White
Expanded Inside Diameter (Min)	12.7 mm	4.8 mm	76.2 mm	19.1 mm
Recovered Inside Diameter (Max)	6.4 mm	2.4 mm	38.1 mm	9.5 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	Reel	Bag & Box	Bag & Box
Tubing Size Range	6.4 - 12.7 mm	2.4 - 4.8 mm	38.1 - 76.2 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

*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-125-1/8-X-STK

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

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

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

TE Part #	NB16882001	NB46334001	NB46422001	NB46452001
Primary Product Color	Clear	Black	White	Red
Expanded Inside Diameter (Min)	3.2 mm	6.35 mm	19.05 mm	9.5 mm
Recovered Inside Diameter (Max)	1.6 mm	3.17 mm	9.5 mm	4.74 mm
Primary Product Material	Irradiated Modified Polyolefin	Irradiated Modified Polyolefin	Irradiated Modified Polyolefin	Irradiated Modified Polyolefin
Tubing Flammability Type	Non-Flame-Retardant	Flame-Retardant	Flame-Retardant	Flame-Retardant
Packaging Method	Bag & Box	Reel	Bag & Box	Bag & Box
Tubing Size Range	1.6 - 3.2 mm	3.17 - 6.35 mm	9.5 - 19.05 mm	4.74 - 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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Products (3 of 5)



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

TAT-125-1-6-STK-CS34568

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

TAT-125-3/4-5-STK-CS34568

TE Part #	NB46362001	NB46372001	NB46322001	NB46402001
Primary Product Color	White	Blue	White	Green
Expanded Inside Diameter (Min)	38.1 mm	25.4 mm	12.7 mm	19.05 mm
Recovered Inside Diameter (Max)	19.05 mm	12.7 mm	6.35 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	19.05 - 38.1 mm	12.7 - 25.4 mm	6.35 - 12.7 mm	9.5 - 19.05 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-125-3/8-9-STK



TAT-125-1-9-STK



TAT-125-3/16-9-STK



TAT-125-1/2-9-STK

TE Part #	ES20692001	0065672002	NB24212001	NB24082001
Primary Product Color	White	White	White	White
Expanded Inside Diameter (Min)	9.5 mm	25.4 mm	4.8 mm	12.7 mm
Recovered Inside Diameter (Max)	4.8 mm	12.7 mm	2.4 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	Stick	Bag & Box	Bag & Box
Tubing Size Range	4.8 - 9.5 mm	12.7 - 25.4 mm	2.4 - 4.8 mm	6.4 - 12.7 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 (5 of 5)



TAT-125-1-9-STK



TAT-125-1/4-X-STK



TAT-125-3/4-6-STK



TAT-125-3/8-2-STK

TE Part #	NB24192001	NB24142001	NB24272001	NB24362001
Primary Product Color	White	Clear	Blue	Red
Expanded Inside Diameter (Min)	25.4 mm	6.4 mm	19.1 mm	9.5 mm
Recovered Inside Diameter (Max)	12.7 mm	3.2 mm	9.5 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	Bag & Box
Tubing Size Range	12.7 - 25.4 mm	3.2 - 6.4 mm	9.5 - 19.1 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

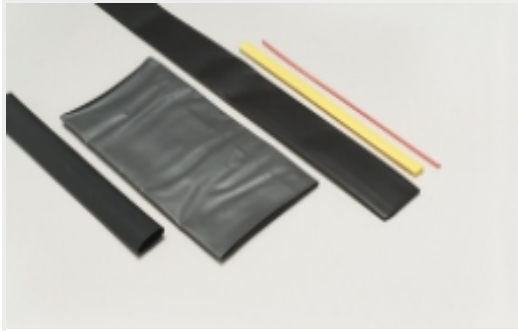
TAT Pages from 9-1773447-9

English

Also in the Series | RAYCHEM TAT-125



Dual Wall Tubing(71)



Heat Shrink Tubing(71)