

DWP-125 Heat Shrink Tubing

RAYCHEM | RAYCHEM DWP-125

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Heat Shrink Tubing

TE's adhesive-lined, medium-wall DWP-125 heat shrink tubing with outer jacket of radiation-crosslinked and flame-retardant polyolefin. Typical applications include environmental sealing and protection of irregular shapes.



Primary Product Color: **Red**

Wall Type: **Dual Wall**

Expanded Inside Diameter (Min): **25.4 mm**

Recovered Inside Diameter (Max): **8.13 mm**

Shrink Ratio: **3:1**

Features

Reference Number

TE Internal Number

CAT-HST-DWP125

Product Type Features

Tubing Product Type

Heat Shrink Tubing, Heat Shrink Tubing Kit

Wall Type

Dual Wall

Electrical Characteristics

Operating Voltage (Max) (kV)

.6

Body Features

Fluid Type

Brake Fluid, Hydraulic Fluid, Lubricating Oil, Water

Primary Product Color

Black, Blue, Red, White, Yellow

Shrink Ratio

3:1

Primary Product Material

Adhesive, Crosslinked Polyolefin, Irradiated Modified Polyolefin, Polyester

Flexibility

Flexible, Semi-Flexible, Very Flexible

Dimensions

Recovered Wall Thickness (Tolerance) (mm)

1.02, 1.4, 1.45, 1.65, 1.78, 2.03, 2.54

Recovered Wall Thickness (Tolerance) (in)

.04, .055, .057, .065, .07, .08, .1

Product Length (mm)

19, 25.4, 31.75, 38, 38.1, 40, 47.63, 50, 50.8, 55, 76, 76.2, 150, 152.4, 305, 1220

Product Length (in)	.75, 1, 1.25, 1.496, 1.5, 1.575, 1.875, 1.97, 2, 2.165, 2.992, 3, 5.905, 6, 12, 48, 48.031
Recovered Wall Thickness (Nominal) (mm)	.76, .91, 1.02, 1.07, 1.32, 1.4, 1.45, 1.65, 1.78, 2.03, 2.5
Recovered Wall Thickness (Nominal) (in)	.03, .036, .04, .042, .052, .055, .057, .065, .067, .07, .08, .098, .1
Recovered Inside Diameter (Max) (mm)	1.02, 1.52, 2.03, 3.05, 3.99, 5.84, 8.13, 13.46, 20.32
Recovered Inside Diameter (Max) (in)	.04, .06, .08, .12, .157, .23, .32, .53, .8
Expanded Inside Diameter (Min) (mm)	3.18, 4.75, 6.35, 9.53, 11.4, 12.7, 19.05, 25.4, 38.1, 50.8
Expanded Inside Diameter (Min) (in)	.125, .187, .25, .375, .449, .5, .75, 1, 1.5, 2
Tubing Size Range (mm)	1 - 3.2, 1.5 - 4.8, 2 - 6.4, 3 - 9.5, 3.1 - 9.5, 4 - 12.7, 6 - 19.1, 8.1 - 25.4, 13.5 - 38.1
Tubing Size Range (in)	.039 - .126, .04 - .125, .06 - .187, .08 - .25, .12 - .375, .157 - .5, .23 - .75, .32 - 1, .53 - 1.5

Usage Conditions

Shrink Temperature (Min) (°C)	80
Resistance Properties	Moisture
Tubing Flammability Type	Flame-Retardant, Non-Flame-Retardant
Operating Temperature Range (°C)	-40 - 110
Recovery Temperature (°C)	125

Operation/Application

Mechanical Resistance	Fluids, Mechanical Damage
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Product Availability

Applicable Region	Global
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Packaging Features

Packaging Method	Bag & Box, Box, Coil, Piece, Reel, 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)



	DWP-125-1-2-55MM	DWP-125-1/2-4-STK	DWP-125-3/8-4-STK	DWP-125-1/2-6-STK
TE Part #	CX0364-000	NB14852001	NB14952001	NB25642001
Primary Product Color	Red	Yellow	Yellow	Blue
Wall Type	Dual Wall	Dual Wall	Dual Wall	Dual Wall
Expanded Inside Diameter (Min)	25.4 mm	12.7 mm	9.53 mm	12.7 mm
Recovered Inside Diameter (Max)	8.13 mm	3.99 mm	3.05 mm	3.99 mm
Tubing Product Type	Heat Shrink Tubing	Heat Shrink Tubing	Heat Shrink Tubing	Heat Shrink Tubing
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	Piece	Bag & Box	Bag & Box	Bag & Box
Tubing Size Range		4 - 12.7 mm	3.1 - 9.5 mm	4 - 12.7 mm
Mechanical Resistance	Fluids	Fluids, Mechanical Damage	Fluids, Mechanical Damage	Fluids, Mechanical Damage
Flexibility	Flexible	Semi-Flexible	Flexible	Semi-Flexible
Recovery Temperature	125 °C	125 °C	125 °C	125 °C
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 DWP-125	RAYCHEM DWP-125	RAYCHEM DWP-125	RAYCHEM DWP-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)



	DWP-125-1/4-0-1.875IN	DWP-125-3/16-2-150MM	DWP-125-1/8-9-150MM	DWP-125-1-0-150MM
TE Part #	219838-000	E23404-000	F83213-000	368180-000
Primary Product Color	Black	Red	White	Black
Wall Type	Dual Wall	Dual Wall	Dual Wall	Dual Wall
Expanded Inside Diameter (Min)	6.35 mm	4.75 mm	3.18 mm	25.4 mm
Recovered Inside Diameter (Max)	2.03 mm	1.52 mm	1.02 mm	8.13 mm
Tubing Product Type	Heat Shrink Tubing	Heat Shrink Tubing	Heat Shrink Tubing	Heat Shrink Tubing
Primary Product Material	Irradiated Modified Polyolefin	Crosslinked Polyolefin	Crosslinked Polyolefin	Crosslinked Polyolefin
Tubing Flammability Type	Flame-Retardant	Flame-Retardant	Flame-Retardant	Flame-Retardant
Packaging Method	Piece	Box	Box	Piece
Tubing Size Range		1.5 - 4.8 mm	1 - 3.2 mm	
Mechanical Resistance	Fluids	Fluids, Mechanical Damage	Fluids, Mechanical Damage	Fluids, Mechanical Damage
Flexibility	Flexible	Flexible	Flexible	Flexible
Recovery Temperature	125 °C	125 °C	125 °C	125 °C
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 DWP-125	RAYCHEM DWP-125	RAYCHEM DWP-125	RAYCHEM DWP-125

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Products (3 of 5)



	DWP-125-1/8-0-150MM	DWP-125-1/8-2-40MM	DWP-125-3/16-0-305MM	DWP-125-3/8-0-305MM
TE Part #	E64654-000	EP76816001	NB31096001	NB31116001
Primary Product Color	Black	Red	Black	Black
Wall Type	Dual Wall	Dual Wall	Dual Wall	Dual Wall
Expanded Inside Diameter (Min)	3.18 mm	3.18 mm	4.75 mm	9.53 mm
Recovered Inside Diameter (Max)	1.02 mm	1.02 mm	1.52 mm	3.05 mm
Tubing Product Type	Heat Shrink Tubing	Heat Shrink Tubing	Heat Shrink Tubing	Heat Shrink Tubing
Primary Product Material	Crosslinked Polyolefin	Irradiated Modified Polyolefin	Irradiated Modified Polyolefin	Irradiated Modified Polyolefin
Tubing Flammability Type	Flame-Retardant	Flame-Retardant	Flame-Retardant	Flame-Retardant
Packaging Method	Box	Box	Box	Box
Tubing Size Range	1 - 3.2 mm	1 - 3.2 mm	1.5 - 4.8 mm	3 - 9.5 mm
Mechanical Resistance	Fluids, Mechanical Damage	Fluids, Mechanical Damage	Fluids, Mechanical Damage	Fluids, Mechanical Damage
Flexibility	Flexible	Flexible	Flexible	Flexible
Recovery Temperature	125 °C	125 °C	125 °C	125 °C
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 DWP-125	RAYCHEM DWP-125	RAYCHEM DWP-125	RAYCHEM DWP-125

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Products (4 of 5)



	DWP-125-3/16-0-19MM	DWP-125-1-0-76MM	DWP-125-3/4-0-150MM	DWP-125-3/16-0-1IN
TE Part #	EP75136001	CY2331-000	E83694-000	EK1399-000
Primary Product Color	Black	Black	Black	Black
Wall Type	Dual Wall	Dual Wall	Dual Wall	Dual Wall
Expanded Inside Diameter (Min)	4.75 mm	25.4 mm	19.05 mm	4.75 mm
Recovered Inside Diameter (Max)	1.52 mm	8.13 mm	5.84 mm	1.52 mm
Tubing Product Type	Heat Shrink Tubing	Heat Shrink Tubing	Heat Shrink Tubing	Heat Shrink Tubing
Primary Product Material	Irradiated Modified Polyolefin	Irradiated Modified Polyolefin	Crosslinked Polyolefin	Irradiated Modified Polyolefin
Tubing Flammability Type	Flame-Retardant	Flame-Retardant	Flame-Retardant	Flame-Retardant
Packaging Method	Piece	Piece	Box	Box
Tubing Size Range	1.5 - 4.8 mm		6 - 19.1 mm	1.5 - 4.8 mm
Mechanical Resistance	Fluids, Mechanical Damage	Fluids	Fluids, Mechanical Damage	Fluids
Flexibility	Flexible	Flexible	Flexible	Flexible
Recovery Temperature	125 °C	125 °C	125 °C	125 °C
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
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Products (5 of 5)



	DWP-125-1/2-0-305MM	DWP-125-3/8-2-1.5IN	DWP-125-1/2-0-150MM	DWP-125-1/2-2-150MM
TE Part #	NB31056001	5233456005	D71588-000	C37766-000
Primary Product Color	Black	Red	Black	Red
Wall Type	Dual Wall	Dual Wall	Dual Wall	Dual Wall
Expanded Inside Diameter (Min)	12.7 mm	9.53 mm	12.7 mm	12.7 mm
Recovered Inside Diameter (Max)	3.99 mm	3.05 mm	3.99 mm	3.99 mm
Tubing Product Type	Heat Shrink Tubing	Heat Shrink Tubing	Heat Shrink Tubing	Heat Shrink Tubing
Primary Product Material	Irradiated Modified Polyolefin	Irradiated Modified Polyolefin	Crosslinked Polyolefin	Crosslinked Polyolefin
Tubing Flammability Type	Flame-Retardant	Flame-Retardant	Flame-Retardant	Flame-Retardant
Packaging Method	Box	Piece	Piece	Box
Tubing Size Range	4 - 12.7 mm			4 - 12.7 mm
Mechanical Resistance	Fluids, Mechanical Damage	Fluids	Fluids, Mechanical Damage	Fluids, Mechanical Damage
Flexibility	Semi-Flexible	Flexible	Very Flexible	Semi-Flexible
Recovery Temperature	125 °C	125 °C	125 °C	125 °C
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 DWP-125	RAYCHEM DWP-125	RAYCHEM DWP-125	RAYCHEM DWP-125

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Related Materials

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