

Versafit-V2 Heat Shrink Tubing



RAYCHEM | RAYCHEM Versafit V2

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Heat Shrink Tubing

TE's VERSAFIT V2 Heat Shrink Tubing, 2:1 shrink ratio, 125°C, VW-1 rated, UL recognized tubing meeting the requirements of UL 224. Polyolefin product material, extremely flexible, Heat-Shrinkable, and Flame-Retardant.



Primary Product Color: **Black**

Wall Type: **Single Wall**

Expanded Inside Diameter (Min): **19 mm**

Recovered Inside Diameter (Max): **9 mm**

Shrink Ratio: **2:1**

Features

Reference Number

TE Internal Number	CAT-HST-VERSAFITV2
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Product Type Features

Tubing Product Type	Heat Shrink Tubing
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Wall Type	Single Wall
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Electrical Characteristics

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

Primary Product Color	Black, Red, White
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Shrink Ratio	2:1
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Primary Product Material	Crosslinked Polyolefin, Irradiated Modified Polyolefin
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Flexibility	Very Flexible
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Dimensions

Recovered Wall Thickness (Tolerance) (mm)	.33, .35, .43, .56, .66, .68, .76, .89
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Recovered Wall Thickness (Tolerance) (in)	.013, .014, .017, .022, .026, .027, .03, .035
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Product Length (mm)	23, 65
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Product Length (in)	.906, 2.56
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Recovered Wall Thickness (Nominal) (mm)	.25, .3, .43, .56
Recovered Wall Thickness (Nominal) (in)	.01, .012, .017, .022
Recovered Inside Diameter (Max) (mm)	.5, .75, 1, 1.25, 1.5, 1.75, 2, 2.5, 3, 3.5, 4, 4.5, 5, 5.5, 6, 6.5, 7, 7.5, 8, 9, 10, 11, 12.5, 14, 15
Recovered Inside Diameter (Max) (in)	.02, .03, .039, .049, .059, .069, .079, .098, .118, .138, .157, .177, .197, .217, .236, .256, .276, .295, .315, .354, .394, .433, .492, .551, .591
Expanded Inside Diameter (Min) (mm)	1.5, 2.1, 2.6, 3.1, 3.6, 4.1, 4.6, 5.6, 6.6, 7.6, 8.6, 9.6, 10.4, 11.4, 12.7, 13.5, 14.4, 15.7, 16.9, 19, 21.4, 23.2, 26.8, 28.2, 30, 32.1
Expanded Inside Diameter (Min) (in)	.059, .083, .102, .122, .142, .161, .181, .22, .26, .299, .339, .378, .409, .449, .5, .531, .567, .618, .665, .748, .843, .913, 1.055, 1.11, 1.181, 1.264
Tubing Size Range (mm)	.75 - 2.1, 1 - 2.6, 1, 1.25 - 2.9, 1.5 - 3.6, 1.75 - 4.1, 2.5 - 5.6, 3 - 6.6, 4 - 8.6, 6 - 12.7, 7 - 14.4, 8 - 16.9, 12.5 - 26.8, 14 - 30, 15 - 32.1
Tubing Size Range (in)	.03 - .08, .039 - .102, .04, .049 - .114, .059 - .142, .068 - .161, .098 - .221, .118 - .259, .157 - .338, .236 - .5, .275 - .566, .314 - .665, .492 - 1.05, .551 - 1.18, .59 - 1.263

Usage Conditions

Shrink Temperature (Min) (°C)	70, 80
Tubing Flammability Type	Highly Flame-Retardant
Operating Temperature Range (°C)	-30 - 125
Recovery Temperature (°C)	90

Operation/Application

Mechanical Resistance	Strain Relief, Wrinkling
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Product Availability

Applicable Region	Global
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Packaging Features

Packaging Method	Bag & Box, Box, Flat Spool, Package, Piece, Reel, Spool
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Other

Meets Low Outgassing Requirements	No
Product Source	China

SEE PRODUCTS ON NEXT PAGE

Products (1 of 5)



	V2-18.0-0-FSP-SM	V2-1.0-0-SP-SM	V2-12.0-0-FSP-SM	V2-27.0-0-FSP-SM
TE Part #	046571J001	080745J001	115607J001	235265J001
Primary Product Color	Black	Black	Black	Black
Expanded Inside Diameter (Min)	19 mm	1.5 mm	12.7 mm	28.2 mm
Recovered Inside Diameter (Max)	9 mm	.5 mm	6 mm	12.5 mm
Primary Product Material	Irradiated Modified Polyolefin	Irradiated Modified Polyolefin	Irradiated Modified Polyolefin	Irradiated Modified Polyolefin
Packaging Method	Flat Spool	Spool	Flat Spool	Flat Spool
Tubing Size Range		1 mm	6 - 12.7 mm	
Mechanical Resistance	Strain Relief, Wrinkling	Strain Relief, Wrinkling	Strain Relief, Wrinkling	Strain Relief, Wrinkling
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 Versafit V2	RAYCHEM Versafit V2	RAYCHEM Versafit V2	RAYCHEM Versafit V2

*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)



	V2-4.0-0-SP	V2-2.5-0-SP-SM	V2-9.0-0-FSP-SM	V2-4.0-0-SP-SM
TE Part #	446921-000	463453J001	532301J001	592387J001
Primary Product Color	Black	Black	Black	Black
Expanded Inside Diameter (Min)	4.6 mm	3.1 mm	9.6 mm	4.6 mm
Recovered Inside Diameter (Max)	2 mm	1.25 mm	4.5 mm	2 mm
Primary Product Material	Irradiated Modified Polyolefin	Irradiated Modified Polyolefin	Irradiated Modified Polyolefin	Irradiated Modified Polyolefin
Packaging Method	Piece	Piece	Flat Spool	Spool
Tubing Size Range	1.25 - 2.9 mm			
Mechanical Resistance	Strain Relief, Wrinkling	Strain Relief, Wrinkling	Strain Relief, Wrinkling	Strain Relief, Wrinkling
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 Versafit V2	RAYCHEM Versafit V2	RAYCHEM Versafit V2	RAYCHEM Versafit V2

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Products (3 of 5)



	V2-30.0-0-FSP-SM	V2-13.0-0-FSP-SM	V2-1.5-9-SP-SM	V2-20.0-0-FSP-SM
TE Part #	513381J001	594045J001	651868-000	757543J001
Primary Product Color	Black	Black	White	Black
Expanded Inside Diameter (Min)	32.1 mm	13.5 mm	2.1 mm	21.4 mm
Recovered Inside Diameter (Max)	15 mm	6.5 mm	.75 mm	10 mm
Primary Product Material	Irradiated Modified Polyolefin	Irradiated Modified Polyolefin	Irradiated Modified Polyolefin	Irradiated Modified Polyolefin
Packaging Method	Reel	Flat Spool	Piece	Flat Spool
Tubing Size Range	15 - 32.1 mm			
Mechanical Resistance	Strain Relief, Wrinkling	Strain Relief, Wrinkling	Strain Relief, Wrinkling	Strain Relief, Wrinkling
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 Versafit V2	RAYCHEM Versafit V2	RAYCHEM Versafit V2	RAYCHEM Versafit V2

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Products (4 of 5)



	V2-5.0-0-SP-SM	V2-3.5-0-SP-SM	V2-7.0-0-SP-SM	V2-8.0-0-FSP-SM
TE Part #	665915J001	779783J001	674983J001	580317J001
Primary Product Color	Black	Black	Black	Black
Expanded Inside Diameter (Min)	5.6 mm	4.1 mm	7.6 mm	8.6 mm
Recovered Inside Diameter (Max)	2.5 mm	1.75 mm	3.5 mm	4 mm
Primary Product Material	Irradiated Modified Polyolefin	Irradiated Modified Polyolefin	Irradiated Modified Polyolefin	Irradiated Modified Polyolefin
Packaging Method	Spool	Reel	Spool	Flat Spool
Tubing Size Range	1.75 - 4.1 mm			
Mechanical Resistance	Strain Relief, Wrinkling	Strain Relief, Wrinkling	Strain Relief, Wrinkling	Strain Relief, Wrinkling
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 Versafit V2	RAYCHEM Versafit V2	RAYCHEM Versafit V2	RAYCHEM Versafit V2

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Products (5 of 5)



	V2-3.0-0-SP-SM	V2-14.0-0-FSP-SM	V2-2.0-0-SP-SM	V2-25.0-0-FSP-SM
TE Part #	389957J001	881723J001	902837J001	763665J001
Primary Product Color	Black	Black	Black	Black
Expanded Inside Diameter (Min)	3.6 mm	14.4 mm	2.6 mm	26.8 mm
Recovered Inside Diameter (Max)	1.5 mm	7 mm	1 mm	12.5 mm
Primary Product Material	Irradiated Modified Polyolefin	Irradiated Modified Polyolefin	Irradiated Modified Polyolefin	Irradiated Modified Polyolefin
Packaging Method	Spool	Reel	Bag & Box	Reel
Tubing Size Range		7 - 14.4 mm	1 - 2.6 mm	12.5 - 26.8 mm
Mechanical Resistance	Strain Relief, Wrinkling	Strain Relief, Wrinkling	Strain Relief, Wrinkling	Strain Relief, Wrinkling
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 Versafit V2	RAYCHEM Versafit V2	RAYCHEM Versafit V2	RAYCHEM Versafit V2

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Related Materials

[Data Sheet](#)

[Versafit V2 Tubing](#)

English

Also in the Series | [RAYCHEM Versafit V2](#)

