

# HFT5000 Heat Shrink Tubing

RAYCHEM | RAYCHEM HFT5000

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## Heat Shrink Tubing

TE Connectivity's HFT5000 heat shrink fabric tubing is designed primarily to provide mechanical abrasion protection for components such as rubber hoses, plastic pipes, and harness wiring bundles. It is also suitable for other applications, such as noise and rattle suppression.



Primary Product Color: **Black**

Wall Material Type: **Fiber & Fabric**

Expanded Inside Diameter (Min): **30 mm**

Recovered Inside Diameter (Max): **15 mm**

Shrink Ratio: **2:1**

### Features

#### Reference Number

TE Internal Number	CAT-HST-HFT5000
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#### Product Type Features

Tubing Product Type	Heat Shrink Tubing
Wall Material Type	Fiber & Fabric

#### Electrical Characteristics

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

Fluid Type	Antifreeze, Battery Acid, Brake Fluid, Car Wash Detergent, Diesel Fuel, Hydraulic Fluid, Lubricating Oil, Unleaded Gasoline, Water
Primary Product Color	Black, Orange
Shrink Ratio	2:1
Primary Product Material	Polyethylene/Polyester
Flexibility	Very Flexible

#### Dimensions

Product Length (mm)	35, 40, 45, 60, 65, 70, 75, 80, 85, 90, 95, 100, 105, 110, 115, 120, 125, 130, 135, 140, 142, 150, 160, 165, 170, 175, 180, 185, 190, 195,
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	200, 210, 215, 220, 225, 240, 250, 255, 260, 265, 275, 280, 285, 290, 300, 305, 310, 315, 320, 325, 330, 335, 340, 345, 350, 370, 380, 385, 390, 420, 430, 460, 470, 530, 665, 725, 850, 930, 960, 1120, 1300
Product Length (in)	1.378, 1.575, 1.772, 2.362, 2.559, 2.756, 2.953, 3.15, 3.346, 3.543, 3.74, 3.937, 4.134, 4.331, 4.528, 4.724, 4.921, 5.118, 5.315, 5.512, 5.591, 5.906, 6.299, 6.496, 6.693, 6.89, 7.087, 7.283, 7.48, 7.677, 7.874, 8.267, 8.465, 8.661, 8.858, 9.449, 9.843, 10.039, 10.236, 10.433, 10.827, 11.024, 11.22, 11.417, 11.811, 12.008, 12.204, 12.205, 12.402, 12.598, 12.795, 12.992, 13.189, 13.386, 13.583, 13.78, 14.567, 14.961, 15.157, 15.354, 16.535, 16.929, 18.11, 18.504, 20.866, 26.181, 28.543, 33.464, 36.614, 37.795, 44.094, 51.181
Recovered Wall Thickness (Nominal) (mm)	1.02
Recovered Inside Diameter (Max) (mm)	3, 6, 10, 12, 15, 17, 20, 25, 30, 35, 40, 50
Recovered Inside Diameter (Max) (in)	.118, .236, .394, .472, .591, .669, .787, .984, 1.181, 1.378, 1.575, 1.969
Expanded Inside Diameter (Min) (mm)	6, 12, 20, 25, 30, 34, 40, 50, 60, 70, 80, 100
Expanded Inside Diameter (Min) (in)	.236, .472, .787, .984, 1.181, 1.339, 1.575, 1.969, 2.362, 2.756, 3.15, 3.937
Tubing Size Range (mm)	3 - 6, 6 - 12, 12 - 25, 15 - 30, 17 - 34, 35 - 70, 50 - 100
Tubing Size Range (in)	.118 - .236, .236 - .472, .472 - .984, .591 - 1.181, .669 - 1.339, .67 - 1.34, 1.378 - 2.756, 1.969 - 3.937

Usage Conditions

Shrink Temperature (Min) (°C)	80
Resistance Properties	None
Tubing Flammability Type	Non-Flame-Retardant
Operating Temperature Range (°C)	-40 - 125
Recovery Temperature (°C)	110

Operation/Application

Mechanical Resistance	Abrasion, Cut-Through, Flexing, Mechanical Damage, Vibration
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Product Availability

Applicable Region	Global
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Packaging Features

Packaging Method	Box, Piece, Reel, Spool
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Other

Product Source	Czech Republic
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SEE PRODUCTS ON NEXT PAGE



Products (1 of 5)



HFT5000-30/15-0-240MM



HFT5000-25/12-0-280MM



HFT5000-25/12-0-200MM



HFT5000-20/10-0-190MM

TE Part #	EM54116001	CV09756001	CV09816001	EH03566001
Primary Product Color	Black	Black	Black	Black
Expanded Inside Diameter (Min)	30 mm	25 mm	25 mm	20 mm
Recovered Inside Diameter (Max)	15 mm	12 mm	12 mm	10 mm
Packaging Method	Box	Piece	Piece	Piece
Tubing Size Range	15 - 30 mm	15 - 30 mm	15 - 30 mm	15 - 30 mm
Mechanical Resistance	Abrasion, Cut-Through, Mechanical Damage	Abrasion, Cut-Through, Flexing, Mechanical Damage, Vibration	Abrasion, Cut-Through, Flexing, Mechanical Damage, Vibration	Abrasion, Cut-Through, Flexing, Mechanical Damage, Vibration
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 HFT5000	RAYCHEM HFT5000	RAYCHEM HFT5000	RAYCHEM HFT5000

\*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)



	HFT5000-30/15-0-335MM	HFT5000-30/15-0-420MM	HFT5000-30/15-0-190MM	HFT5000-12/6-0-385MM
TE Part #	EM57256001	EK63166001	6979346030	4160926011
Primary Product Color	Black	Black	Black	Black
Expanded Inside Diameter (Min)	30 mm	30 mm	30 mm	12 mm
Recovered Inside Diameter (Max)	15 mm	15 mm	15 mm	6 mm
Packaging Method	Piece	Box	Piece	Piece
Tubing Size Range	15 - 30 mm	15 - 30 mm	15 - 30 mm	15 - 30 mm
Mechanical Resistance	Abrasion, Cut-Through, Flexing, Mechanical Damage, Vibration	Abrasion, Cut-Through, Mechanical Damage	Abrasion, Cut-Through, Flexing, Mechanical Damage, Vibration	Abrasion, Cut-Through, Flexing, Mechanical Damage, Vibration
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 HFT5000	RAYCHEM HFT5000	RAYCHEM HFT5000	RAYCHEM HFT5000

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Products (3 of 5)



	HFT5000-30/15-0-430MM	HFT5000-30/15-0-170MM	HFT5000-30/15-0-135MM	HFT5000-30/15-0-100MM
TE Part #	6979346017	6979346018	6979346025	6979346012
Primary Product Color	Black	Black	Black	Black
Expanded Inside Diameter (Min)	30 mm	30 mm	30 mm	30 mm
Recovered Inside Diameter (Max)	15 mm	15 mm	15 mm	15 mm
Packaging Method	Piece	Piece	Piece	Piece
Tubing Size Range	15 - 30 mm	15 - 30 mm	15 - 30 mm	15 - 30 mm
Mechanical Resistance	Abrasion, Cut-Through, Flexing, Mechanical Damage, Vibration	Abrasion, Cut-Through, Flexing, Mechanical Damage, Vibration	Abrasion, Cut-Through, Flexing, Mechanical Damage, Vibration	Abrasion, Cut-Through, Flexing, Mechanical Damage, Vibration
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 HFT5000	RAYCHEM HFT5000	RAYCHEM HFT5000	RAYCHEM HFT5000

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Products (4 of 5)



HFT5000-30/15-0-125MM



HFT5000-100/50-0-330MM



HFT5000-12/6-0-100MM



HFT5000-30/15-0-370MM

TE Part #	6979346011	CH14446001	4160926021	CH20836001
Primary Product Color	Black	Black	Black	Black
Expanded Inside Diameter (Min)	30 mm	100 mm	12 mm	30 mm
Recovered Inside Diameter (Max)	15 mm	50 mm	6 mm	15 mm
Packaging Method	Piece	Piece	Piece	Piece
Tubing Size Range	15 - 30 mm	15 - 30 mm	15 - 30 mm	15 - 30 mm
Mechanical Resistance	Abrasion, Cut-Through, Flexing, Mechanical Damage, Vibration	Abrasion, Cut-Through, Flexing, Mechanical Damage, Vibration	Abrasion, Cut-Through, Flexing, Mechanical Damage, Vibration	Abrasion, Cut-Through, Flexing, Mechanical Damage, Vibration
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 HFT5000	RAYCHEM HFT5000	RAYCHEM HFT5000	RAYCHEM HFT5000

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Products (5 of 5)



	HFT5000-25/12-0-130MM	HFT5000-12/6-0-390MM	HFT5000-60/30-0-310MM	HFT5000-30/15-0-110MM
TE Part #	1077626020	EL88206001	CV12636001	6979346034
Primary Product Color	Black	Black	Black	Black
Expanded Inside Diameter (Min)	25 mm	12 mm	60 mm	30 mm
Recovered Inside Diameter (Max)	12 mm	6 mm	30 mm	15 mm
Packaging Method	Box	Piece	Piece	Piece
Tubing Size Range	12 - 25 mm	15 - 30 mm	15 - 30 mm	15 - 30 mm
Mechanical Resistance	Abrasion, Cut-Through, Mechanical Damage	Abrasion, Cut-Through, Flexing, Mechanical Damage, Vibration	Abrasion, Cut-Through, Flexing, Mechanical Damage, Vibration	Abrasion, Cut-Through, Flexing, Mechanical Damage, Vibration
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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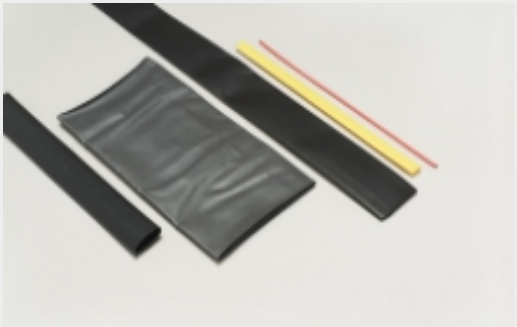
Related Materials

Catalog Section

HFT5000 Pages from 9-1773447-9

English

Also in the Series | RAYCHEM HFT5000



Heat Shrink Tubing(128)



Orange Heat Shrink Tubing(2)