

Flame Retardant Heatshrink 3:1



Features:

- Environment friendly, flexible, highly flame retardant and polyolefin heat shrink tubing.



3:1 Normal Wall Tubing: SHW-1-PT

Specifications:

Operating temperature	: -55°C to +125°C.
Minimum shrink temperature	: 70°C.
Shrink ratio	: 2:1.
Approvals	: UL224, 125°C 600V VW-1, CSA22.2 No.198.1 125°C 600V, OFT.
Standard colours	: Black, red, blue, yellow, green, white (other colours are also available on request).

Applications:

Cost effective choice for many applications, including all general purpose applications in the electronic and electromechanical industries e.g. light harnesses, bundling, colour coding, insulation of soldered or crimped connectors in electronic equipment, etc.

Technical Data

Property	Test Method	Typical Data
Tensile strength	ASTM D 2671	14MPa
Ultimate elongation (%)	ASTM D 2671	450
Longitudinal shrinkage (%)	UL 224	±5
Heat aging Tensile strength Ultimate elongation (%)	158°C, 168hr	11MPa 300
Flammability	UL224 VW-1	Pass
Heat shock (250°C, 4hrs)	ASTM D 2671	No cracking
Cold bend tests (-55°C, 4hrs)		
Dielectric strength (kv/mm)	ASTM D 150	20
Volume resistivity (ohm-cm)	ASTM D 876	1 x 10 ¹⁴
Copper stability	UL224	Pass

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Product Dimensions 3:1 Heat Shrink Tubing

Size [mm (Inches)]	ID as Supplied (mm)	ID After Recovery (mm)	Wall Thickness After Recovery (mm)	Mfrs List No. (1.22m Length)	Mfrs List No. (5m Length)
1.5/0.5 (1/16")	>1.5	<0.5	0.45 ±0.1	HS510-1.22M	HS510-5M
3.0/1.0 (1/8")	>3.0	<1.0	0.55 ±0.1	HS511-1.22M	HS511-5M
4.5/1.5 (3/16")	> 4.5	<1.5	0.60 ±0.1	HS512-1.22M	HS512-5M
6.0/2.0 (1/4")	>6.0	<2.0	0.65 ±0.1	HS513-1.22M	HS513-5M
9.0/3.0 (3/8")	>9.0	<3.0	0.75 ±0.15	HS514-1.22M	HS514-5M
12.0/4.0 (1/2")	>12.0	<4.0	0.75 ±0.15	HS515-1.22M	HS515-5M
18.0/6.0 (3/4")	>18.0	<6.0	0.85 ±0.15	HS516-1.22M	HS516-5M
24.0/8.0 (1")	>24.0	<8.0	1.00 ±0.20	HS517-1.22M	HS517-5M
39.0/13.0 (1-1/2")	>39	<13	1.15 ±0.20	HS518-1.22M	HS518-5M

Dimensions : Millimetres (Inches)

Part Number Table

Description	Part Number
Heatshrink, 3:1, 1.5mm, Black, 1.22m	HS510-1.22M
Heatshrink, 3:1, 3mm, Black, 1.22m	HS511-1.22M
Heatshrink, 3:1, 4.5mm, Black, 1.22m	HS512-1.22M
Heatshrink, 3:1, 6mm, Black, 1.22m	HS513-1.22M
Heatshrink, 3:1, 9mm, Black, 1.22m	HS514-1.22M
Heatshrink, 3:1, 12mm, Black, 1.22m	HS515-1.22M
Heatshrink, 3:1, 18mm, Black, 1.22m	HS516-1.22M
Heatshrink, 3:1, 24mm, Black, 1.22m	HS517-1.22M
Heatshrink, 3:1, 39mm, Black, 1.22m	HS518-1.22M
Heatshrink, 3:1, 1.5mm, Black, 5m	HS510-5M
Heatshrink, 3:1, 3mm, Black, 5m	HS511-5M
Heatshrink, 3:1, 4.5mm, Black, 5m	HS512-5M
Heatshrink, 3:1, 6mm, Black, 5m	HS513-5M
Heatshrink, 3:1, 9mm, Black, 5m	HS514-5M
Heatshrink, 3:1, 12mm, Black, 5m	HS515-5M
Heatshrink, 3:1, 18mm, Black, 5m	HS516-5M
Heatshrink, 3:1, 24mm, Black, 5m	HS517-5M
Heatshrink, 3:1, 39mm, Black, 5m	HS518-5M

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