



## Feature:

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



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

### Specifications:

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

### Application:

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

## Product Dimensions 3:1 Heat Shrink Tubing

Size (mm (Inches))	ID as Supplied (mm)	ID After Recovery (mm)	Wall Thickness After Recovery (mm)	Part Number	
				(1.22 m Length)	(5 m Length)
1.5/0.5 (1/16")	> 1.5	< 0.5	0.45 ±0.1	HS510-1.22M	HS510-5M
3/1 (1/8")	> 3	< 1	0.55 ±0.1	HS511-1.22M	HS511-5M
4.5/1.5 (3/16")	> 4.5	< 1.5	0.6 ±0.1	HS512-1.22M	HS512-5M
6/2 (1/4")	> 6	< 2	0.65 ±0.1	HS513-1.22M	HS513-5M
9/3 (3/8")	> 9	< 3	0.75 ±0.15	HS514-1.22M	HS514-5M
12/4 (1/2")	>12	< 4	0.75 ±0.15	HS515-1.22M	HS515-5M
18/6 (3/4")	>18	< 6	0.85 ±0.15	HS516-1.22M	HS516-5M
24/8 (1")	> 24	< 8	1 ±0.2	HS517-1.22M	HS517-5M
39/13 (1-1/2")	> 39	< 13	1.15 ±0.2	HS518-1.22M	HS518-5M

Dimensions : Millimetres (Inches)

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