

## HSP1 - General purpose, flame retardant, halogen free polyolefin heat-shrinkable tubing



### Features & Benefits

- Very good chemical and solvent resistance
- Wide range of colours including Green/Yellow stripes
- Flexible
- Excellent physical and electrical performance
- Operating Temperature range -55°C to +125°C
- Environmentally friendly halogen free material
- Anti-static material
- UL Approved



### Specifications

Material: Polyolefin  
 Feature: Flame Retardant  
 Voltage: 600V  
 Shrink Temp: 90°C

### Standard Colours & Colour Codes

Black - 0	Yellow - 4	Grey - 8
Brown - 1	Green - 5	White - 9
Red - 2	Blue - 6	Clear - X
Orange - 3	Violet - 7	Green / Yellow - 45

### Applications

HSP1 is tough, flexible, general purpose tubing with good resistance to common fluids and solvents and a high dielectric strength.

Available in 2:1 shrink ratio its unique blend of chemical, electrical and physical properties make it suitable for a wide range of applications. Including electrical insulation, strain relief, cable bundling, colour coding and identification of wires, cables, pipes and electrical components and mechanical protection.

Inside Diameter		Wall Thickness	Standard package	
Expand as Supplied (min)	Recovered after heating (max)	Total Wall recovered after heating (nom)	Spool Quantity	ORDERING QUANTITY
mm	mm	mm	mtrs	
1.2	0.6	0.45	300	HSP1-1.2/0.6-colour code-SP
1.6	0.8	0.45	150	HSP1 - 1.6/0.8-colour code-SP
2.4	1.2	0.5	150	HSP1 -2.4/1.2-colour code-SP
3.2	1.6	0.5	150	HSP1-3.2/1.6-colour code-SP
4.8	2.4	0.5	150	HSP1-4.8/2.4-colour code-SP
6.4	3.2	0.65	75	HSP1-6.4/1.2-colour code-SP
9.5	4.8	0.65	75	HSP1-9.5/4.8-colour code-SP
12.7	6.4	0.65	75	HSP1-12.7/6.4-colour code-SP
16	8	0.7	100	HSP1-16.0/8.0-colour code-SP
19	9.5	0.75	75	HSP1-19.0/9.5-colour code-SP
25.4	12.7	0.9	30	HSP1-25.4/12.7-colour code-SP
38.1	19	1	30	HSP1-38.1/19.0-colour code-SP
50.8	25.4	1.15	50	HSP1-50.8/25.4-colour code-SP
76.2	38.1	1.25	15	HSP1-76.2/38.1-colour code-SP
101.6	50.8	1.4	15	HSP1-101.6/50.8-colour code-SP

### Technical Data

Tensile Strength: ≥ 10.4 MPa  
 Breakdown Elongation: > 350°C  
 Longitudinal Shrink Ratio: ≤ +/- 5%  
 Flame Retardant: VW-1  
 Heat Shock (200°C): No drop/No flow  
 Dielectric Strength: 20kV/mm  
 Water Absorption: < 0.5%  
 Specific Gravity: 1.25g/cm<sup>3</sup>

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