

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



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

Specifications

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

Applications

HSP1 is a 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		ORDERING QUANTITY
Expand as Supplied (min)	Recovered after heating (max)	Total Wall recovered after heating (nom)		
mm	mm	mm	mm	
1.2	0.6	0.45	0.45	HSP1-1.2/0.6-colour code-SP
1.6	0.8	0.45	0.45	HSP1-1.6/0.8-colour code-SP
2.4	1.2	0.5	0.5	HSP1-2.4/1.2-colour code-SP
3.2	1.6	0.5	0.5	HSP1-3.2/1.6-colour code-SP
4.8	2.4	0.5	0.5	HSP1-4.8/2.4-colour code-SP
6.4	3.2	0.65	0.65	HSP1-6.4/3.2-colour code-SP
9.5	4.8	0.65	0.65	HSP1-9.5/4.8-colour code-SP
12.7	6.4	0.65	0.65	HSP1-12.7/6.4-colour code-SP
16.0	8.0	0.7	0.7	HSP1-16.0/8.0-colour code-SP
19.0	9.5	0.75	0.75	HSP1-19.0/9.5-colour code-SP
25.4	12.7	0.9	0.9	HSP1-25.4/12.7-colour code-SP
38.1	19.0	1	1	HSP1-38.1/19.0-colour code-SP
50.8	25.4	1.15	1.15	HSP1-50.8/25.4-colour code-SP
76.2	38.1	1.25	1.25	HSP1-76.2/38.1-colour code-SP
101.6	50.8	1.4	1.4	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/cm³

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