

HSP2 - Premium grade, flame retardant, polyolefin heat-shrinkable tubing



Features & Benefits

- Outstanding all round performance
- Flexible
- Good chemical and solvent resistance
- Excellent physical and electrical performance
- Operating temperature range: -55°C to +135°C
- UV Stable/Resistant

Specifications

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

Standards

- UL 224 125
- MIL-1-23053/5 Class 1 & 2
- DEF STAND 59-97 Type 2
- VG 95343 Part 5 Type A & B

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

HSP2 is a premium grade polyolefin based heat shrinkable tubing with an outstanding overall balance of properties. The product has a wide range of both military and industrial approvals. HSP2 tubing possesses a unique blend of physical, chemical and electrical properties and is suitable for a wide range of applications.

Used extensively in military applications for lightweight harness jackets, insulation, colour coding,

Inside Diameter		Wall Thickness	Standard Package	
Expanded as Supplied (min)	Recovered after heating (max)	Total Wall recovered after heating (nom)	Spool Quantity	ORDERING DESCRIPTION
mm	mm	mm	mtrs	
1.2	0.6	0.45	300	HSP2-1.2/0.6-colour-code-SP
1.6	0.8	0.45	150	HSP2-1.6/0.8-colour-code-SP
2.4	1.2	0.5	150	HSP2-2.4/1.2-colour-code-SP
3.2	1.6	0.5	150	HSP2-3.2/1.6-colour-code-SP
4.8	2.4	0.5	150	HSP2-4.8/2.4-colour-code-SP
6.4	3.2	0.65	75	HSP2-6.4/3.2-colour-code-SP
9.5	4.8	0.65	75	HSP2-9.5/4.8-colour-code-SP
12.7	6.4	0.65	75	HSP2-12.7/6.4-colour-code-SP
19	9.5	0.75	75	HSP2-19.0/9.5-colour-code-SP
25.4	12.7	0.9	30	HSP2-25.4/12.7-colour-code-SP
38.1	19	1	30	HSP2-38.1/19.0-colour-code-SP
50.8	25.4	1.15	50	HSP2-50.8/25.4-colour-code-SP
76.2	38.1	1.25	15	HSP2-76.2/38.1-colour-code-SP
101.6	50.8	1.4	15	HSP2-101.6/50.8-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 ³