

## HSP2 - Premium grade, Halogen Free

### 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  
**Halogen Free**

#### 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 - 10
		Yellow - 45

#### Standards

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



#### Applications

HSP2 is a premium grade Halogen Free 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	
mm	mm	mm	mtrs	ORDERING DESCRIPTION
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/cm³