

## EHS-G2 Heat shrink general purpose 2:1

A general purpose heat shrink solution widely used across all industry sectors, including Marine, Military, Aerospace, Defence, Petro-Chem and Electrical Contracting. The excellent chemical, electrical and physical properties of EHS grade heat shrink tubing make it suitable for numerous applications including harness assembly, cable bundling, electrical insulation, strain relief, mechanical protection, electrical installations and for colour coded identification purposes.



### Ordering information - Mini Reels

Part number - Mini Reels	Expanded Diameter	Recovered Diameter	Recovered Wall Thickness	Pack Size (Metres)
<b>EHS-G2-001.2-(COLOUR)-BX</b>	1.2	0.6	0.36	12
<b>EHS-G2-001.6-(COLOUR)-BX</b>	1.6	0.8	0.36	12
<b>EHS-G2-002.4-(COLOUR)-BX</b>	2.4	1.2	0.45	11
<b>EHS-G2-003.2-(COLOUR)-BX</b>	3.2	1.6	0.45	11
<b>EHS-G2-004.8-(COLOUR)-BX</b>	4.8	2.4	0.56	10
<b>EHS-G2-006.4-(COLOUR)-BX</b>	6.4	3.2	0.56	9
<b>EHS-G2-009.5-(COLOUR)-BX</b>	9.5	4.8	0.56	7
<b>EHS-G2-012.7-(COLOUR)-BX</b>	12.7	6.4	0.56	6
<b>EHS-G2-019.1-(COLOUR)-BX</b>	19.1	9.5	0.70	5
<b>EHS-G2-025.4-(COLOUR)-BX</b>	25.4	12.7	0.90	3.5

\*All dimensions in mm

**Colour Options - Mini Reels** Use the numerical colour code shown below to complete the part number.



### Ordering information - Spools

Part number - Spools	Expanded Diameter	Recovered Diameter	Recovered Wall Thickness	Pack Size (Metres)
<b>EHS-G2-001.2-(COLOUR)-SP</b>	1.2	0.6	0.36	150
<b>EHS-G2-001.6-(COLOUR)-SP</b>	1.6	0.8	0.36	150
<b>EHS-G2-002.4-(COLOUR)-SP</b>	2.4	1.2	0.45	150
<b>EHS-G2-003.2-(COLOUR)-SP</b>	3.2	1.6	0.45	150
<b>EHS-G2-004.8-(COLOUR)-SP</b>	4.8	2.4	0.56	60
<b>EHS-G2-006.4-(COLOUR)-SP</b>	6.4	3.2	0.56	60
<b>EHS-G2-009.5-(COLOUR)-SP</b>	9.5	4.8	0.56	60
<b>EHS-G2-012.7-(COLOUR)-SP</b>	12.7	6.4	0.56	60
<b>EHS-G2-019.1-(COLOUR)-SP</b>	19.1	9.5	0.70	60
<b>EHS-G2-025.4-(COLOUR)-SP</b>	25.4	12.7	0.90	30
<b>EHS-G2-038.1-(COLOUR)-SP</b>	38.1	19.1	1.00	30
<b>EHS-G2-050.8-(COLOUR)-SP</b>	50.8	25.4	1.15	25
<b>EHS-G2-076.2-(COLOUR)-SP</b>	76.2	38.1	1.25	25
<b>EHS-G2-101.6-(COLOUR)-SP</b>	101.6	50.8	1.40	25

\*All dimensions in mm

Spool sizes shown above relate to colour black. Pack sizes may vary for colours. Visit our website to check pack size of specific colours and sizes.

**Colour Options - Spools** Use the numerical colour code shown below to complete the part number.



## Technical Data



### Material

Flame retardant zero halogen polyolefin

### Shrink Ratio 2:1

### Temperature Ratings

Operating : -55°C to 135°C

Recovery : +80°C

### Standards

UL224 VW-1, 600V, 125°C

CSA 066150, 600V, 125°C

AMS-DTL-23053/5 Cl 1&2

DEF STAN 59-97, VG 95343 Pt5

RoHS 2

**Tensile Strength** Min. 10.4Mpa (ISO 37)

**Ultimate Elongation** Min. 300% (ISO 37)

**Heat Ageing** No dripping (ISO 188)

### Ultimate Elongation after Ageing

Min. 200% (168 hours at +175°C)

**Specific Gravity** Max 1.35g/cm<sup>3</sup> (ISO 1183)

**Water Absorption** Max 0.5% (ISO 62)

**Copper Corrosion** None (ASTM 2671)

**Low Temp. Flexibility** No cracking (UL224)

**Flame Retardant** VW-1 [colours] (UL1581)

**Volume Resistivity** Min 10<sup>14</sup>Ω cm (UL224)

**Heat Shock** No dripping (ASTM D2671)

(4 hours at +250°C)

**Dielectric Strength** >20kv/mm

**Fluid Resistance** (ISO 1817)

At 23°C for 24 hours for the following fluids :  
Petrol, H-515 Hydraulic Fluid, O-148  
Lubricating Oil.

Tensile Strength : Min. 7.3Mpa

Ultimate Elongation : Min. 200%

**Fungus Resistance** (ISO 846)

Tensile Strength : Min. 10.4Mpa

Ultimate Elongation : Min. 300%

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