

## EHS-G3 Heat shrink general purpose 3:1

A range of 3:1 heat shrink tubing that is used within many industry sectors, including Marine, Military, Aerospace, Defence, Petro-Chem and Electrical Contracting. The 3:1 shrink ratio provides the perfect solution when looking to cover variable sizes during application. The excellent chemical, electrical and physical properties ensure it meets the demands of harness assembly, cable bundling, electrical insulation, strain relief, mechanical protection and electrical installations.



### Ordering information - Spools

Part number - Spools	Expanded Diameter	Recovered Diameter	Recovered Wall Thickness	Pack Size (Metres)
<b>EHS-G3-03/01-(COLOUR)-SP</b>	3.0	1.0	0.36	150
<b>EHS-G3-06/02-(COLOUR)-SP</b>	6.0	2.0	0.36	75
<b>EHS-G3-09/03-(COLOUR)-SP</b>	9.0	3.0	0.45	75
<b>EHS-G3-12/04-(COLOUR)-SP</b>	12.0	4.0	0.45	75
<b>EHS-G3-18/06-(COLOUR)-SP</b>	18.0	6.0	0.56	75
<b>EHS-G3-24/08-(COLOUR)-SP</b>	24.0	8.0	0.56	30
<b>EHS-G3-39/13-(COLOUR)-SP</b>	39.0	13.0	0.56	30

\*All dimensions in mm

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

<b>0</b>	<b>9</b>	<b>X</b>	<b>2</b>	<b>4</b>	<b>5</b>	<b>6</b>
Black	White	Clear	Red	Yellow	Green	Blue

## Technical Data



### Material

Flame retardant polyolefin

**Shrink Ratio** 3:1

### Temperature Ratings

Operating : -55°C to 135°C

Recovery : +100°C

### Standards

UL224 VW-1, 600V, 125°C

CSA 066150, 600V, 125°C

AMS-DTL-23053/5

DEF STAN 59-97, VG 95343 Pt5

RoHS 2

**Tensile Strength** Min. 10Mpa (ISO 37)

**Ultimate Elongation** Min. 250% (ISO 37)

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

**Ultimate Elongation after Ageing**

Min. 150% (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 D2671)

**Low Temp. Flexibility** No cracking (D2671)

**Flammability** Pass (ASTM D876)

(except clear)

**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. 7Mpa

Ultimate Elongation : Min. 200%

**Fungus Resistance** (ISO 846)

Tensile Strength : Min. 10Mpa

Ultimate Elongation : Min. 250%