

EHS-Z2 Heat shrink zero halogen 2:1

EHS-Z2 is a zero halogen heat shrinkable polyolefin tubing with a 2:1 shrink ratio..

Designed to meet applications where limited fire hazard characteristics are critical and as such is widely used across all industry sectors, including Marine, Military, Aerospace, Defence, Petro-Chem and Electrical Contracting.

Applications include harness assembly, cable bundling, electrical insulation, strain relief and electrical installations.



Ordering information

Part number	Colour	Expanded Diameter	Recovered Diameter	Wall Thickness	Spool Size (Metres)
EHS-Z2-001.6-0-SP	Black	1.6	0.8	0.43	150
EHS-Z2-002.4-0-SP	Black	2.4	1.2	0.51	150
EHS-Z2-003.2-0-SP	Black	3.2	1.6	0.51	150
EHS-Z2-004.8-0-SP	Black	4.8	2.4	0.51	75
EHS-Z2-006.4-0-SP	Black	6.4	3.2	0.64	75
EHS-Z2-009.5-0-SP	Black	9.5	4.8	0.64	75
EHS-Z2-012.7-0-SP	Black	12.7	6.4	0.64	75
EHS-Z2-019.0-0-SP	Black	19.0	9.5	0.76	60
EHS-Z2-025.4-0-SP	Black	25.4	12.7	0.89	60
EHS-Z2-038.1-0-SP	Black	38.1	19.0	0.97	30
EHS-Z2-050.8-0-SP	Black	50.8	25.4	1.15	30
EHS-Z2-076.2-0-SP	Black	76.2	38.1	1.25	30
EHS-Z2-102.0-0-SP	Black	102.0	50.8	1.34	30

*All dimensions in mm

Standard Colour Options

Part numbers listed above

0

Black

Technical Datasheet



Material

Zero halogen polyolefin

Shrink Ratio 2:1

Temperature Ratings

Operating : -30°C to 125°C

Recovery : +100°C

Standards

DEF STAN 59-97

BS4G-198 Pt.3 Type 15

Tensile Strength Min. 7Mpa (ISO 37)

Ultimate Elongation 200% (ISO 37)

Heat Ageing No dripping (ISO 188)

Copper Corrosion None (ASTM 2671)

Low Temp. Flexibility No cracking (UL224)

Heat Shock No dripping (ASTM D2671)
(4 hours at +250°C)

Dielectric Strength >15kv/mm

Oxygen Index 32 max (ISO 4589-2)
At Ambient Temperature

Smoke Index 20 max (IEC 60684-2)

Toxicity Index 5 max p/100g (IEC 60684-2)

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. 4Mpa

Ultimate Elongation : Min. 100%

Fungus Resistance (IEC 68-2-10)

2 max