



## Halogen-free heatshrink sleeving – boxed.

### Key features.

- 2:1 shrink ratio
- Thin wall, flame retardant, heat shrinkable tubing
- Low smoke, low toxicity and halogen-free
- Available in a wide variety of sizes and colours
- Suitable for bore sizes of 1.6mm to 25.4mm
- Suitable for use in rail, transportation, marine, offshore and construction industries
- Packaged in boxes



| Part no.           | Dia. size (mm) | Lay flat width (mm) | Suitable for tri-rated cable mm <sup>2</sup> | Min ID supplied (mm) | Max ID recovered (mm) | Recovered wall thickness (mm) | Box quantity (m) |
|--------------------|----------------|---------------------|--|----------------------|-----------------------|-------------------------------|------------------|
| <b>ZH-ESB 1.6</b>  | 1.6            | N/A                 | -  | 1.6                  | 0.8                   | 0.43                          | 15               |
| <b>ZH-ESB 2.4</b>  | 2.4            | N/A                 | -  | 2.4                  | 1.2                   | 0.51                          | 15               |
| <b>ZH-ESB 3.2</b>  | 3.2            | 6                   | 0.5/0.75                                     | 3.2                  | 1.6                   | 0.51                          | 15               |
| <b>ZH-ESB 4.8</b>  | 4.8            | 8                   | 0.75/1/1.5/2.5                               | 4.8                  | 2.4                   | 0.51                          | 10               |
| <b>ZH-ESB 6.4</b>  | 6.4            | 10                  | 2.5/4/6                                      | 6.4                  | 3.2                   | 0.65                          | 10               |
| <b>ZH-ESB 9.5</b>  | 9.5            | 15                  | 6/10   | 9.5                  | 4.7                   | 0.65                          | 10               |
| <b>ZH-ESB 12.7</b> | 12.7           | 20                  | 10/16/25                                     | 12.7                 | 6.4                   | 0.65                          | 8                |
| <b>ZH-ESB 19.1</b> | 19.1           | 30                  | 35/50/70                                     | 19.1                 | 9.5                   | 0.77                          | 5                |
| <b>ZH-ESB 25.4</b> | 25.4           | 40                  | 95/120                                       | 25.4                 | 12.7                  | 0.89                          | 3                |

### Specification.

Material:  
Halogen-free polyolefin

Operating temperature:  
-55°C to +125°C to test method UL224

Shrink temperature:  
90°C

Tensile strength:  
10.4MPa - tested to ASTM D638

Breaking elongation:  
200%

Thermal shock:  
UL224/250°C - No dripping, cracking or flowing

Thermal aging tensile strength:  
7.3MPa

Voltage level:  
UL224 - 300/600V

Hot air aging test:  
158°C for 168 hours

Approvals:  
UL Certified - file no. E180908