

## WR-02 Heat Shrinkable Nylon Butt Splice

**Voltage 1kV** Ideal for wire connection and repair in automotive, vessel and heavy machinery

Dual wall Heat Shrinkable tubing with nylon outer layer and adhesive inner layer.

### Applications

- Wire connection or repair in automobile, automotive accessories, vessel & other heavy machinery

### Features/Benefits

- Nylon-based outer layer with strong protection against abrasion and mechanical damage
- Water resistant

### Product Code Cross References

Raychem : D-106-0001, D-106-0002, D-106-0003



### Temperature Range

Operating Temperature : -55 °C ~ 125 °C  
 Shrink Temperature : 150 °C ~ 200 °C

### Colour

Red, Blue, Yellow

### Technical Details

Item	Test Method	Typical Value
Tensile strength	ASTM D2671	≥ 30Mpa
Break down elongation	ASTM D2671	> 400%
Tensile strength after aging	ASTM D2671	≥ 30Mpa
Break down elongation after aging	ASTM D2671	> 300%
Specific gravity	ASTM D792	1.01g/cm <sup>3</sup>
Water absorption	ASTM D570	≤ 0.5%
Heat shock	200 °C for 4 hours	Out layer no drop/no flow
Low temperature flexibility	-55 °C for 4 hours	No cracking
Dielectric strength	ASTM D2671	> 20kV/mm
Copper corrosion	ASTM D2671	pass
Volume Resistivity	ASTM D2671	> 10 <sup>14</sup> Ω.cm

### Product Selection

Product Code	Colour	ø (mm)	Wire Size	
			AWG	mm <sup>2</sup>
WR-02-1	RED	4.3	22-18	0.5-1.0
WR-02-2	BLUE	5.2	16-14	1.5-2.5
WR-02-3	YELLOW	6.4	12-10	4-6