



WR-02 Heat Shrinkable Nylon Butt Splice

Features

- Nylon outer layer, thermal adhesive inner layer
- Abrasion and mechanical damage resistance
- Excellent moisture resistance
- Color coded for easy identification
- Operating temperature: -55~125°C
- Shrink temperature: 150~200°C
- Voltage class: 1000V
- Halogen free, RoHS compliant

Dimensions

Reference	Color	Diameter Before Shrink Φ (mm)	Wire Size AWG	mm ²	Standard package pcs/pack
WR-02-1 N	Red	4.7	22-18	0.5-1.0	50
WR-02-2 N	Blue	5.7	16-14	1.5-1.0	50
WR-02-3 N	Yellow	6.7	12-10	4.0-6.0	50

- ID=Internal Diameter

Technical Data

	Property	Test Method	Values
Physical	Tensile strength	ASTM D2671	≥30 MPa
	Breakdown elongation	ASTM D2671	≥400%
Aging	Tensile strength	ASTM D2671	≥35 MPa
	Breakdown elongation	ASTM D2671	≥400%
	Water absorption	ASTM D570	2~3%
	Density	ASTM D2671	1.05
	Heat shock (200°C/4hrs)	ASTM D2671	No drop, No flow(outer layer only)
	Low temperature flexibility((-55°C/4hrs))	ASTM D2671	No cracking
Electrical	Volume resistivity	ASTM D2671	≥10 ¹⁴ Ω.cm
	Dielectric strength	ASTM D2671	≥20 KV/mm
Chemical	Copper corrosion	ASTM D2671	No corrosion



Heat Shrink Connector

Typical application

- Ideal for wire connections, repairs and maintenance in automotive/trucking, marine vessels and other heavy machinery.

Ordering

- Standard color : Red, Blue ,Yellow
- Standard packaging by packs
- Please specify specification, color, quantity when ordering

Cross reference

- Raychem/ Tyco : DURASEAL/ D-406



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