



WR-02 Heat Shrinkable HDPE Butt Splice

Features

- HDPE outer layer, thermal adhesive inner layer
- Abrasion and mechanical damage resistance
- Excellent water resistance
- Halogen free, RoHS compliant
- Operating temperature: -45~105 °C
- Shrink temperature: 110 °C
- Shrink ratio: 3:1
- Voltage class: 1000V

Technical Data

	Property	Test Method	Values
Physical	Tensile strength	ASTM D2671	≥ 16 MPa
	Breakdown elongation	ASTM D2671	≥ 200%
Aging (158°C /168hrs)	Tensile strength	ASTM D2671	≥ 11.5 MPa
	Breakdown elongation	ASTM D2671	≥ 100%
	Water absorption (23°C/336hrs)	ASTM D570	≤ 0.5%
	Density	ASTM D2671	0.95
	Heat shock (250°C/4hrs)	ASTM D2671	No drop, No flow(outer layer only)
	Cold bend ((-30°C/4hrs))	ASTM D2671	No cracking
Electrical	Volume resistivity	ASTM D2671	≥ 10 ¹⁴ Ω.cm
Chemical	Copper corrosion	ASTM D2671	No corrosion



Dimensions

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

Typical application

- Ideal for wire connections, repairs and maintenance in automotive, 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

- DSG Canusa : CRIMPSEAL II

Dimensions

Reference	Color	Wire Range	AWG	Stud size size mm	W	L	Before Shrink Φ (mm)
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Ring Terminal Dimensions

WR-1.25-01R	Red	22-18	# 6	3.7	6.6	31.5	4.7
WR-1.25-02R	Red	22-18	# 8	4.3	8.0	33.5	4.7
WR-1.25-03R	Red	22-18	# 10	5.3	8.0	33.5	4.7
WR-1.25-04R	Red	22-18	# 1/4	6.4	11.6	39.5	4.7
WR-1.25-05R	Red	22-18	# 5/16	8.4	12.0	38.5	4.7
WR-1.25-06R	Red	22-18	# 3/8	10.0	14.5	43.0	4.7
WR-2.0-01R	Blue	16-14	# 6	3.7	6.6	28.5	5.7
WR-2.0-02R	Blue	16-14	# 8	4.3	8.0	31.5	5.7
WR-2.0-03R	Blue	16-14	# 10	5.3	9.5	33.5	5.7
WR-2.0-04R	Blue	16-14	# 1/4	6.4	11.6	39.5	5.7
WR-2.0-05R	Blue	16-14	# 5/16	8.4	12.0	39.5	5.7
WR-2.0-06R	Blue	16-14	# 3/8	10.0	14.5	43.0	5.7
WR-5.5-01R	Yellow	12-10	# 8	4.3	8.0	35.0	6.7
WR-5.5-02R	Yellow	12-10	# 10	5.3	9.5	35.0	6.7
WR-5.5-03R	Yellow	12-10	# 1/4	6.4	11.6	43.0	6.7
WR-5.5-04R	Yellow	12-10	# 5/16	8.4	12.0	43.0	6.7
WR-5.5-05R	Yellow	12-10	# 3/8	10.0	14.5	43.0	6.7

Fork Terminal Dimensions

WR-1.25-01Y	Red	22-18	# 6	3.7	6.4	33	4.7
WR-1.25-02Y	Red	22-18	# 8	4.3	6.4	33	4.7
WR-1.25-03Y	Red	22-18	# 10	5.3	9.5	33	4.7
WR- 2.0 -01Y	Blue	16-14	# 6	3.7	6.4	33	5.7
WR- 2.0 -02Y	Blue	16-14	# 8	4.3	6.4	33	5.7
WR- 2.0 -03Y	Blue	16-14	# 10	5.3	9.5	33	5.7
WR- 5.5 -01Y	Yellow	12-10	# 6	3.7	6.4	35	6.7
WR- 5.5 -02Y	Yellow	12-10	# 8	4.3	6.4	35	6.7
WR- 5.5 -03Y	Yellow	12-10	# 10	5.3	9.5	35	6.7

Push-on Terminal Dimensions

WR-1.25-01P	Red	22-18	0.25*0.032	6.4*0.8	6.6	33	4.7
WR- 2.0 -02P	Blue	16-14	0.25*0.032	6.4*0.8	6.6	33	5.7
WR- 5.5 -03P	Yellow	12-10	0.25*0.032	6.4*0.8	6.6	33	6.7

Tap Terminal Dimensions

WR-1.25-01T	Red	22-18	0.25*0.032	6.4*0.8	6.4	33	4.7
WR- 2.0 -02T	Blue	16-14	0.25*0.032	6.4*0.8	6.4	33	5.7
WR- 5.5 -03T	Yellow	12-10	0.25*0.032	6.4*0.8	6.4	33	6.7



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