



PREFORMED LINE PRODUCTS
The connection you can count on.


Splice Shunt

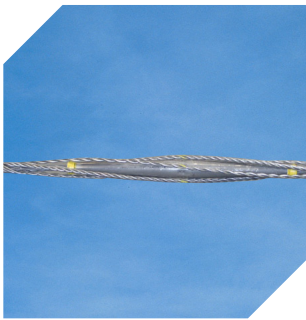
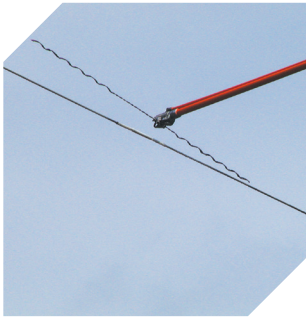
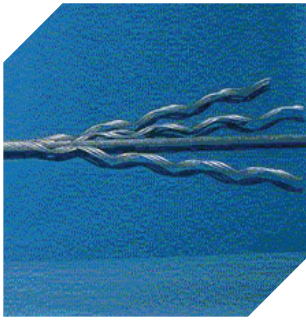


 COMMUNICATIONS

 ENERGY

 SPECIAL INDUSTRIES

 SOLAR



PLP® Distribution Products Splice Shunt

Description

The Splice Shunt is designed to restore complete electrical conductivity and a portion of the mechanical strength to automatic and compression splices that are found to be excessively hot or failing during thermal line inspections.

Mechanically, the Splice Shunt is designed to restore 100% strength of the aluminum strands of ACSR conductor and about 10% strength of the steel core. For AAC and AAAC conductors the mechanical strength is restored to 100%.

Electrically, the Splice Shunt is designed to restore 100% strength of the conductor's ampacity.

Material

Splice Shunts use an aluminum alloy material with a conductive grit to achieve superior mechanical and electrical properties.

Application

The Splice Shunt is applied directly over the automatic or compression splice and over the

conductor for some distance on either side of the splice. Make sure that all color code marks align to ensure proper installation.

Splice Shunts can be applied over compromised automatic and compression splices for "pulling-out" conductor operations as part of the maintenance or repair process.

Proper conductor preparation is required to ensure positive electrical connection. Wire brushing of the conductor and the application of a quality compatible inhibitor is required.

Features

- Easily installs by hand or with hot sticks
- Lightweight
- Installs directly over damaged or failing compression or automatic splices
- Restores full conductivity to all-aluminum, aluminum alloy and ACSR conductors

Distribution Splice Shunts

Catalog Number	Diameter range (m)		Nominal Conductor Size	Units	Wt./Lbs.	Overall Length (in)	Max Shunt Length (in)	Rod Diameter (in)	No. of Subsets	Color Code
	Min.	Max.		Per Carton						
SS-0001	0.232	0.257	#4, ACSR, AAC, AAAC	50	17	54	13.75	0.121	2 (4-4)	Orange
SS-0002	0.292	0.325	#2, ACSR, AAC, AAAC	50	26	55	14	0.121	2 (4-5)	Red
SS-0003	0.368	0.398	1/0, ACSR, AAC, AAAC	50	51	65	17	0.136	2 (5-5)	Yellow
SS-0004	0.414	0.462	2/0, ACSR, AAC, AAAC	50	63	70	18	0.154	2 (5-5)	Blue
SS-0005	0.464	0.503	3/0, ACSR, AAC, AAAC	25	46	77	23.5	0.167	2 (5-5)	Orange
SS-0006	0.522	0.567	4/0, ACSR, AAC, AAAC	25	72	85	23.5	0.204	2 (4-5)	Red
SS-0007	0.586	0.618	266.8, 18/1, ACSR, AAAC	10	38	99	26.5	0.218	2 (4-5)	Purple
SS-0008	0.619	0.644	266.8, 26/7, ACSR, AAAC	10	44	103	26.5	0.218	2 (5-5)	Yellow
SS-0009	0.666	0.700	336.4, 18/1, ACSR, AAAC	10	55	115	31.5	0.235	2 (5-5)	Orange
SS-0010	0.701	0.729	336.4, 26/7, ACSR	10	56	119	32	0.235	2 (5-5)	Green

Larger Splice Shunts available, see our catalog on www.preformed.com or watch the YouTube installation video.



YouTube Video



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