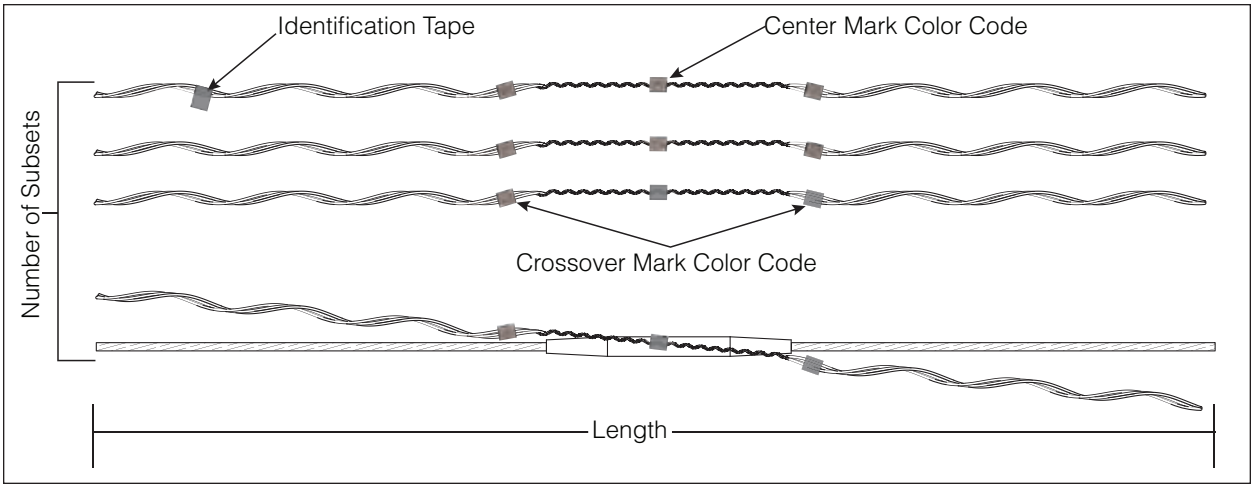
Splice Shunt



Subsets: Individual rods assembled and gritted into groups (subsets), corresponding to tabular information appearing on catalog page.

Center Mark: Establishes proper alignment of subsets centered on affected splice.

Color Code and Length: Assists in identification of conductor size, corresponding to tabular information appearing on catalog page.

Identification Tape: Shows catalog number, nominal sizes.

Application/Crossover Mark: Indicates location where subsets wrap/apply on the conductor on either side of the splice.

GENERAL RECOMMENDATIONS

The Splice Shunt is designed to restore conductivity and mechanical strength to automatic and compression splices that are found to be failing during line inspections.

REPAIR PERFORMANCE: Mechanically, the splice shunt is designed to restore 100% of the strength of the aluminum strands of ACSR and a minimum of 10% of the strength of the steel core. 100% of the mechanical strength is restored for AAC and AAAC conductors. **Electrically,** the splice shunt is designed to restore 100% of the conductor's ampacity, regardless of its stranding.

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 all color code marks align to ensure proper installation.

Splice Shunts can also 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.

SAFETY CONSIDERATIONS

1. This product is intended for a single (one-time) use and for the specified application. CAUTION: DO NOT REUSE OR MODIFY THIS PRODUCT UNDER ANY CIRCUMSTANCES.

2. This product is intended for use by trained technicians only. **THIS PRODUCT SHOULD NOT BE USED BY ANYONE WHO IS NOT FAMILIAR WITH, AND NOT TRAINED TO USE IT.**

3. When working in the area of energized lines, extra care should be taken to prevent accidental electrical contact.

Thermal Rating (Continuous)
125°C

(440) 461-5200 • inquiries@preformed.com • www.preformed.com

Splice Shunt

Distribution Splice Shunts										
Catalog Number	Diameter Range (in)		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	18	45	13.75	0.094	3 (3-3-3)	Orange
SS-0002	0.292	0.325	#2, ACSR, AAC, AAAC	50	26	51	13.75	0.102	4 (3-3-3-2)	Red
SS-0003	0.368	0.398	1/0, ACSR, AAC, AAAC	50	57	65	16.25	0.136	4 (3-3-2-2)	Yellow
SS-0004	0.414	0.462	2/0, ACSR, AAC, AAAC	50	63	68	16.25	0.154	4 (3-3-2-2)	Blue
SS-0005	0.464	0.503	3/0, ACSR, AAC, AAAC	25	47	77	23.5	0.167	4 (3-3-2-2)	Orange
SS-0006	0.522	0.567	4/0, ACSR, AAC, AAAC	25	68	85	23.5	0.204	3 (3-3-3)	Red
SS-0007	0.586	0.618	266.8, 18/1, ACSR, AAC	10	38	96	23.5	0.218	3 (3-3-3)	Purple
SS-0008	0.619	0.644	266.8, 26/7, ACSR, AAAC	10	47	102	23.5	0.218	4 (3-3-2-2)	Yellow
SS-0009	0.666	0.700	336.4, 18/1, ACSR, AAC	10	55	103	23.5	0.235	4 (3-3-2-2)	Orange
SS-0010	0.701	0.729	336.4, 26/7, ACSR	10	56	106	23.5	0.235	4 (3-3-2-2)	Green

Right-hand lay standard
EXPLANATORY NOTES:
(1) Color Code (3 marks): Each subset shall have a center mark and two crossover marks
(2) Nominal Conductor size indicates one of various conductors within each range. Consult PLP for sizes not shown.
(3) Copper Splice Shunts available, contact PLP for additional information.

Distribution Splice Shunts Rated Holding Strengths Holding strengths of applied splice shunts are shown in pounds. Percentage of conductor RBS shown in parentheses.				
Catalog Number	Conductor Size	ACSR	All-Aluminum	Aluminum Alloy
SS-0001	#4	#4, 6/1 1,098 lbs. (60%) #4, 7/1 1,374 lbs. (60%)	#4, 7W 875lbs. (100%)	#4, 7W 1,670 lbs. (100%)
SS-0002	#2	#2, 6/1 1,674 lbs. (60%) #2, 7/1 2,115 lbs. (60%)	#2, 7W 1,335 lbs. (100%)	#2, 7W 2,665 lbs. (100%)
SS-0003	1/0	1/0, 6/1 2,568 lbs. (60%)	1/0, 7W 1,970 lbs. (100%)	1/0, 7W1 4,230 lbs. (100%)
SS-0004	2/0	2/0, 6/1 2,940 lbs. (55%)	2/0, 7W 2,480 lbs. (100%)	2/0, 7W 5,055 lbs. (100%)
SS-0005	3/0	3/0, 6/1 3,671 lbs. (55%)	3/0, 7W, 3,005 lbs. (100%)	3/0, 7W 6,365 lbs. (100%)
SS-0006	4/0	4/0, 6/1 4,631 lbs. (55%)	4/0, 7W 3,790 lbs. (100%)	4/0, 7W 8,025 lbs. (100%)
SS-0007	266.8	266.8, 18/1 5,130 lbs. (75%)	266.8, 7W 4,775 lbs. (100%) 266.8, 19W 4,800 lbs. (100%) 266.8, 37W 5,185 lbs. (100%)	–
SS-0008	266.8	266.8, 26/7 5,625 lbs. (50%)	–	266.8, 19W 10,610 lbs. (100%)
SS-0009	336.4	336.4, 18/1 6,469 lbs. (75%) 336.4, 36/1 5,732 lbs. (75%)	336.4, 19W 5,940 lbs. (100%) 336.4, 37W 6,420 lbs. (100%)	–
SS-0010	336.4	336.4, 26/7 7,025 lbs. (50%)		