

ARMOR-GRIP[®] Support

Weight: 0.00kg

Dimensions: 0.00cm x 0.00cm x 0.00cm

Description

ARMOR-GRIP Support, intended for use on aluminum based conductors with a diameter range of .390" to 1.828", is designed to be used with clamp-top horizontal and vertical line post insulators. The ARMOR-GRIP Support is designed to reduce static and dynamic stress at the support point, so that the conductor is better able to withstand the effects of vibration than with armor-clamp attachments. It also helps protect the conductor in the support area against flashover.

Features

- Thermal Rating (Continuous) 200°C
- A maximum line angle of 30° may be turned using a single ARMOR-GRIP Support, and a maximum of 60° using a Double-Support unit.
- Will withstand a pulloff load from the trunnion pins of the insulator cap of 5,000 lbs. applied in any direction
- Double Support is available
- ARMOR-GRIP Support Body: Ductile iron casting. Comprises the bottom half of the ARMOR-GRIP Support housing unit. The conductor range is cast into the inside of the body.
- An elastomer insert is specifically formulated for resistance to ozone attack, weathering, extreme high and low temperature variations, and compression set.
- Unbalanced Loading. The ARMOR-GRIP Support will withstand an unbalanced load of approximately 10 to 20% of the conductor RBS before initial slip occurs. Slightly higher unbalanced loads will be obtained after the unit has been in service for a period of time.

Documentation

Application Procedures

[SP-2132 \(ARMOR-GRIP[®] Support\)](#)

Catalog Pages

[ARMOR-GRIP Support - Catalog](#)

Part Tables

Catalog Number	Diameter Range (Inches)		Nominal Conductor Size	AGS® Rods				AGS Hardware Sets Per Carton	AGS Rods & Hardware Wt./Lbs. Per Carton	Color Code
	Min.	Max.		Length (Inches)	Rod Diameter (Inches)	Rods Per Set	Sets Per Carton			
AGS-5265	.390	.404	1/0, 6/1	36	.128	11	24	24	70	Yellow
AGS-5266	.405	.418	1/0, 5/1 AWAC	36	.128	11	24	24	70	Brown
AGS-5267	.419	.434	#1, 3/4 AWAC	36	.128	11	24	24	70	Green
AGS-5268	.435	.450	2/0, 6/1	36	.128	11	24	24	70	Blue
AGS-5269	.451	.470	2/0, 5/2 AWAC	36	.128	12	24	24	72	White
AGS-5270	.471	.481	110.8, 12/7	36	.128	12	24	24	72	Green
AGS-5255	.482	.499	#1, 2/5 AWAC	30	.167	10	18	18	40	Red
AGS-5200	.500	.512	3/0, 6/1	30	.167	10	18	18	40	Blue
AGS-5201	.513	.530	4/0, 7W All-Alum.	30	.167	11	18	18	41	Green
AGS-5202	.531	.542	1/0, 2/5, AWAC	30	.167	11	18	18	41	Yellow
AGS-5203	.543	.555	2/0, 3/4, AWAC	34	.182	10	18	18	53	Black
AGS-5204	.556	.573	4/0, 6/1	34	.182	11	18	18	54	White
AGS-5205	.574	.594	266.8, 7-19W All-Alum.	34	.182	11	18	18	54	Brown
AGS-5206	.595	.606	266.8, 18/1 AWAC	34	.182	11	18	18	55	Orange
AGS-5207	.607	.619	266.8, 18/1	34	.182	11	18	18	55	Purple
AGS-5208	.620	.645	266.8, 26/7	38	.182	12	18	18	58	Red
AGS-5209	.646	.673	336.4, 19-37W All-Alum.	41	.204	11	15	15	61	Blue
AGS-5210	.674	.690	300, 26/7	41	.204	11	15	15	61	Green
AGS-5211	.691	.710	300, 30/7	41	.204	12	15	15	63	Yellow
AGS-5212	.711	.731	366.4, 26/7	41	.204	12	15	15	63	Black
AGS-5213	.732	.750	336.4, 30/7	41	.204	12	15	15	63	White
AGS-5214	.751	.768	397.5, 26/7 AWAC	45	.250	10	12	12	65	Brown
AGS-5215	.769	.795	397.5, 26/7	45	.250	11	12	12	68	Orange
AGS-5216	.796	.824	477, 18/1	45	.250	11	12	12	68	Purple
AGS-5217	.825	.845	477, 26/7 AWAC	48	.250	11	12	12	70	Red
AGS-5218	.846	.870	477, 26/7	48	.250	11	12	12	70	Blue
AGS-5219	.871	.893	600, 37W All-Alum.	48	.250	12	12	12	73	Green
AGS-5220	.894	.907	500, 30/7	48	.250	12	12	12	73	Green
AGS-5221	.908	.920	556.5, 24/7	53	.250	12	9	9	66	Yellow
AGS-5222	.921	.937	556.5, 26/7	53	.250	12	9	9	66	Black
AGS-5223	.938	.962	605, 24/7	53	.250	12	9	9	66	White
AGS-5224	.963	.986	636, 24/7	53	.250	13	9	9	68	Brown
AGS-5225	.987	1.005	636, 26/7	53	.250	13	9	9	68	Orange
AGS-5226	1.006	1.022	636, 30/19	62	.310	11	6	6	64	Purple
AGS-5227	1.023	1.040	795, 37-61W All-Alum.	62	.310	11	6	6	64	Red
AGS-5228	1.041	1.074	715.5, 26/7	62	.310	11	6	6	64	Blue

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	Min.	Max.		Length (Inches)	Rod Diameter (Inches)	Rods Per Set	Sets Per Carton			
AGS-5229	1.075	1.090	874.5, 37W All-Alum.	62	.310	12	6	6	67	Green
AGS-5230	1.091	1.118	795, 26/7	62	.310	12	6	6	67	Yellow
AGS-5231	1.119	1.136	954, 37W All-Alum.	62	.310	12	6	6	67	Black
AGS-5232	1.137	1.152	795, 30/19	62	.310	12	6	6	67	White
AGS-5233	1.153	1.175	954, 45/7	62	.310	12	6	6	67	Brown
AGS-5234	1.176	1.208	954, 54/7	62	.310	12	6	6	67	Orange
AGS-5235	1.209	1.226	1113, 61W All-Alum.	71	.365	11	3	3	47	Purple
AGS-5236	1.227	1.259	1192.5, 61W All-Alum.	71	.365	11	3	3	47	Red
AGS-5237	1.260	1.286	1113, 48/7	71	.365	12	3	3	49	Blue
AGS-5238	1.287	1.314	1272, 61W All-Alum.	71	.365	12	3	3	49	Green
AGS-5239	1.315	1.355	1272, 45/7	71	.365	12	3	3	49	Yellow
AGS-5240	1.356	1.394	1272, 54/19	78	.365	12	3	3	51	Black
AGS-5241	1.395	1.416	1351.5, 54/19 AWAC	78	.365	13	3	3	54	White
AGS-5242	1.417	1.442	1510.5, 61W All-Alum	78	.365	13	3	3	54	Brown
AGS-5243	1.443	1.477	1431, 54/19	78	.365	13	3	3	54	Orange
AGS-5244	1.478	1.516	1590, 45/7	78	.365	13	3	3	54	Purple
AGS-5245	1.517	1.557	1590, 54/19	78	.365	13	3	3	54	Red
AGS-5246	1.558	1.579	1780, 72/7	90	.365	14	3	3	61	Blue
AGS-5247	1.580	1.612	1780, 84/19	90	.365	14	3	3	61	Green
AGS-5248	1.613	1.650	2000, 91W All-Alum.	90	.365	14	3	3	61	Yellow
AGS-5249	1.651	1.688	2000, 72/7	90	.365	15	3	3	64	Black
AGS-5250	1.689	1.711	2000, 84/19	90	.365	15	3	3	64	White
AGS-5251	1.712	1.752	2129, 84/19	90	.365	15	3	3	64	Brown
AGS-5252	1.753	1.790	2156, 84/19	90	.365	15	3	3	64	Orange
AGS-5253	1.791	1.828	2300, 84/19	90	.365	15	3	3	64	Purple