

Alloy Top Tie

Weight: 0.00kg

Dimensions: 0.00cm x 0.00cm x 0.00cm

Description

Preformed Line Products **Alloy Ties** are intended for use in corrosive environments on aluminum based conductors. They are suitable for use on ANSI C29 compliant insulators. Alloy Ties are designed for use in coastal areas. They have been performance-matched to aluminum conductors and are much more corrosive-resistant than standard aluminized steel ties.

Features

- Easily applied by hand or with hot sticks
- Performance matched materials
- Will not damage the conductor during installation
- Conductor application up to 1.24"
- Accommodates line angles 0-40° depending on application
- Resiliency built in to protect the conductor
- Reacts like the conductor under loading
- Adheres to NESC Standards
- Will hold a minimum of 700 lbs. of unbalanced load (According to rigorous PLP testing)
- Suitable for use with either ANSI compliant polymer or porcelain insulators
- Made in the USA

Documentation

Application Procedures

[SP-2668 \(Alloy Top Tie\)](#)

Sales Materials

[Alloy Ties - Sell Sheet](#)

[Alloy Ties - Catalog Pages](#)

[Insulator/Tie Fit Information Sheet](#)

Part Tables

Catalog Number	Diameter Range (Inches)		Nominal Conductor Size	Units	Wt./Lbs.	Applied Length (Inches)	Insulator Identification Mark	Color Code
	Min.	Max.		Per Carton				
9/16" R. GROOVE (See Note 2)								
ALC-1102	.245	.277	#4, 6/1, 7/1 – #4, 7W Alum. Alloy	100	18	26	Black	Orange
ALC-1103	.278	.315	#3, 7W Alum. Alloy – #2, 7W All Alum.	100	18	26	Black	Purple
ALC-1104	.316	.357	#2, 6/1, 7/1 – #2, 7W Alum. Alloy #1, 6/1	100	19	28	Black	Red
ALC-1105	.358	.405	1/0, 7W All Alum. 1/0, 6/1 1/0, 7W Alum. Alloy	100	20	30	Black	Yellow
ALC-1106	.406	.459	2/0, 7W All Alum. 2/0, 6/1 2/0, 7W Alum. Alloy	50	17	25	Black	Blue
ALC-1107	.460	.520	3/0, 7W All Alum. 3/0, 6/1 3/0, 7W Alum. Alloy	50	17	25	Black	Orange
ALC-1108	.521	.588	4/0, 7W All Alum. 4/0, 6/1 4/0, 7W Alum. Alloy	50	18	28	Black	Red
ALC-1109	.589	.665	266.8, 37W All Alum. 266.8, 18/1	50	18	30	Black	Purple
ALC-1110	.666	.755	336.4, 19W All Alum. 336.4, 18/1 397.5, 19W All Alum.	50	19	31	Black	Brown
ALC-1111	.756	.858	477, 19W, 37W All Alum. 477, 18/1, 24/7, 26/7	50	19	32	Black	Red
5/8" R. GROOVE (See Note 2)								
ALC-1112	.859	.968	556.5, 26/7 636, 18/1 700, 37W, 61W All Alum.	50	20	34	Black	Blue
3/4" R. GROOVE (See Note 2)								
ALC-1113	.969	1.096	795, 37W All Alum. 795, 61W All Alum. 715.5, 24/7 795, 54/7	50	21	37	Black	Green
ALC-1114	1.097	1.240	954, 36/1, 54/7 1033.5, 37W, 61W All Alum.	50	22	40	Black	Yellow

Right-hand lay standard

EXPLANATORY NOTES:

- (1) Nominal Conductor size indicates one of various conductors within each range.
- (2) For the succeeding conductors ranges, the insulator's top groove radius should be at least as large as shown above.
- (3) AWAC is a registered trademark of the Copperweld Co.

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	Min.	Max.		Per Carton				
9/16" R. GROOVE (See Note 2)								
ALF-1202	.245	.277	#4, 6/1, 7/1 #4, 7W Alum. Alloy	100	19	27	Yellow	Orange
ALF-1203	.278	.315	#3, 7W Alum. Alloy #2, 7W All Alum.	100	20	29	Yellow	Purple
ALF-1204	.316	.357	#2, 6/1, 7/1 #2, 7W Alum. Alloy #1, 6/1	100	20	31	Yellow	Red
ALF-1205	.358	.405	1/0, 7W All Alum. 1/0, 6/1 1/0, 7W Alum. Alloy	100	21	32	Yellow	Yellow
ALF-1206	.406	.459	2/0, 7W All Alum. 2/0, 6/1 2/0, 7W Alum. Alloy	50	18	26	Yellow	Blue
ALF-1207	.460	.520	3/0, 7W All Alum. 3/0, 6/1 3/0, 7W Alum. Alloy	50	18	27	Yellow	Orange
ALF-1208	.521	.588	4/0, 7W All Alum. 4/0, 6/1 4/0, 7W Alum. Alloy	50	19	29	Yellow	Red
ALF-1209	.589	.665	266.8, 37W All Alum. 266.8, 18/1	50	19	32	Yellow	Purple
ALF-1210	.666	.755	336.4, 19W All Alum. 336.4, 18/1 397.5, 19W All Alum.	50	20	32	Yellow	Brown
ALF-1211	.756	.858	477, 19W, 37W All Alum. 477, 18/1, 24/7, 26/7	50	20	33	Yellow	Red
5/8" R. GROOVE (See Note 2)								
ALF-1212	.859	.968	556.5, 26/7 636, 18/1 700, 37W, 61W All Alum.	50	21	35	Yellow	Blue
3/4" R. GROOVE (See Note 2)								
ALF-1213	.969	1.096	795, 37W All Alum. 795, 61W All Alum. 715.5, 24/7 795, 54/7	50	22	38	Yellow	Green
ALF-1214	1.097	1.240	954, 36/1 1033.5, 37W, 61W All Alum. 954, 54/7	50	23	41	Yellow	Yellow

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ALJ-1302	.245	.277	#4, 6/1, 7/1 #4, 7W Alum. Alloy	100	25	28	Green	Orange
ALJ-1303	.278	.315	#3, 7W Alum. Alloy #2, 7W All Alum.	100	27	30	Green	Purple
ALJ-1304	.316	.357	#2, 6/1, 7/1 #2, 7W Alum. Alloy #1, 6/1	100	29	32	Green	Red
ALJ-1305	.358	.405	1/0, 7W All Alum. 1/0, 6/1, 1/0, 7W Alum. Alloy	100	31	33	Green	Yellow
ALJ-1306	.406	.459	2/0, 7W All Alum. 2/0, 6/1, 2/0, 7W Alum. Alloy	50	20	27	Green	Blue
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ALJ-1311	.756	.858	477, 19W, 37W All Alum. 477, 18/1, 24/7, 26/7	50	27	34	Green	Red
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3/4" R. GROOVE (See Note 2)								
ALJ-1313	.969	1.096	795, 37W All Alum. 795, 61W All Alum. 715.5, 24/7 795, 54/7	50	30	39	Green	Green
ALJ-1314	1.097	1.240	954, 36/1 954, 54/7 1033.5, 37W, 61W All Alum.	50	31	42	Green	Yellow

Right-hand lay standard

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Videos

Alloy Top Tie - Installation Video