

WRAPLOCK® Tie

Weight: 0.00kg

Dimensions: 0.00cm x 0.00cm x 0.00cm

Description

WRAPLOCK Ties secure conductors in the top groove of interchangeable head-style insulators. They provide an improved method of securing conductor compared to clamp-top insulators or hand ties over Armor Rods.

Features

- Superior abrasion protection for the conductor under all types of motion
- Provides superior protection by eliminating abrasion
- Elastomer component surrounds the bare conductor with a resilient cushion

Documentation

Application Procedures

[SP-2020 \(Wraplock Tie\)](#)

Catalog Pages

[Wraplock Tie - Catalog](#)

[Insulator/Tie Fit Information Sheet](#)

Part Tables

For use on: ACSR, Compacted ACSR, Aluminum Alloy All-Aluminum, AWAC®
Compacted All-Aluminum

(ANSI 55-2 Pin, ANSI 55-3 Pin, 2-1/4" Neck Diameter)

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)								
WTC-0100	.248	.259	#4, 6/1-7/1 #4, 7W Alum. Alloy	100	21	19	Black	Orange
WTC-0101	.260	.269	#4, AWAC, 5/2 #3, 7W, All-Alum. #2, 7W, Comp.	100	21	19	Black	Green
WTC-0102	.270	.280	#3, 7W, Alum. Alloy #3, AWAC, 6/1	100	21	19	Black	Yellow
WTC-0103	.281	.291	#4, AWAC, 4/3 #3, 6/1 #2, 6/1, Comp.	100	24	20-1/2	Black	White
WTC-0104	.292	.303	#3, AWAC, 5/2 #2, 7W, All-Alum. #2, 7/1, Comp.	100	24	20-1/2	Black	Purple
WTC-0105	.304	.314	#4, AWAC, 3/4 #2, AWAC, 6/1	100	24	21-1/2	Black	Brown
WTC-0106	.315	.327	#2, 6/1-7/1 #2, 7W, Alum. Alloy	100	24	21-1/2	Black	Red
WTC-0107	.328	.340	#2, AWAC, 5/2 #1, 7W, All-Alum. 1/0, 7W, Comp.	100	25	22-1/2	Black	Blue
WTC-0108	.341	.353	#3, AWAC, 3/4 #1, 7W, Alum. Alloy	100	25	22-1/2	Black	Orange
WTC-0109	.354	.367	#2, AWAC, 4/3 #1, 6/1, 1/0, 6/1, Comp.	100	26	23-1/2	Black	Green
WTC-0110	.368	.381	1/0, 7W, All-Alum. 2/0, 7W, Comp.	100	26	20	Black	Black
WTC-0111	.382	.394	#2, AWAC, 3/4 1/0, AWAC, 6/1	100	27	21	Black	White
WTC-0112	.395	.411	1/0, 6/1 1/0, 7W, Alum. Alloy	100	27	21	Black	Yellow
WTC-0113	.412	.437	2/0, 7W-19W, All-Alum. 3/0, 7W-19W, Comp.	100	27	22	Black	Brown
WTC-0114	.438	.463	2/0, 6/1-7/1 2/0, 7W, Alum. Alloy	100	28	23	Black	Blue
WTC-0115	.464	.492	3/0, 7W-19W, All-Alum. 4/0, 7W-19W, Comp.	50	18	24-1/2	Black	Green
WTC-0116	.493	.522	3/0, 6/1 3/0, 7W, Alum. Alloy 4/0, 7W, All-Alum.	50	18	24-1/2	Black	Orange
WTC-0117	.523	.554	3/0, AWAC, 5/2 4/0, 19W, All-Alum. 266.8, 7W-19W, Comp.	50	18	26-1/2	Black	Black
WTC-0118	.555	.594	4/0, 6/1 4/0, 7W, Alum. Alloy 266.8, 7W-19W, All-Alum.	50	19	27-1/2	Black	Red
WTC-0119	.595	.630	266.8, 18/1 300, 18W-37W, All-Alum.	50	21	28-1/2	Black	Purple

Catalog Number	Diameter Range (Inches)		Nominal Conductor Size	Units	Wt./Lbs.	Applied Length (Inches)	Insulator Identification Mark	Color Code
	Min.	Max.		Per Carton				
5/8", R. Groove (See Note 2)								
WTC-0120	.631	.664	266.8, 26/7 266.8, 19W, Alum. Alloy	50	21	28-1/2	Black	Yellow
WTC-0121	.665	.705	336.4, 18/1-36/1 336.4, 19W, All-Alum. 350, 19W-37W, All-Alum.	50	21	29-1/2	Black	Brown
WTC-0122	.706	.747	336.4, 26/7-30/7 397.5, 19W, All-Alum.	50	22	30-1/2	Black	Green
3/4" R. Groove (See Note 2)								
WTC-0123	.748	.795	397.5, 24/7, 26/7 397.5, 19W, Alum. Alloy 477, 19W, 37W, All-Alum.	50	20	33	Black	Orange
WTC-0124	.796	.846	477, 18/1, 36/1 500, 19W, All-Alum.	50	21	37	Black	Purple
WTC-0125	.847	.900	556.5, 18/1, 36/1 556.5, 19W, 37W All-Alum.	50	21	39	Black	Blue
WTC-0126	.901	.958	636, 18/1, 36/1 636, 37W All-Alum. 556.5M, 19W Alum. Alloy	50	22	41	Black	Green
WTC-0127	.959	1.018	666.6, 24/7, 54/7 750, 37W All-Alum. 636, 37 Alum. Alloy	50	23	43	Black	White
13/16" R. Groove (See Note 2)								
WTC-0128	1.019	1.083	795, 36/1, 45/7 795, 37W Alum. Alloy	50	24	45	Black	Brown
7/8" or 1" R. Groove (See Note 2)								
WTC-0129	1.084	1.151	954, 36/1 954, 37W All-Alum. 795, 37W Alum. Alloy	50	25	47	Black	Orange
WTC-0130	1.152	1.223	954, 45/7, 54/7 1033.5, 37W All-Alum. 954, 37W Alum. Alloy	50	27	49	Black	Purple
WTC-0131	1.224	1.240		50	29	59	Black	Black

For use on: ACSR, Compacted ACSR, Aluminum Alloy All-Aluminum, AWAC® Compacted All-Aluminum F-Neck Interchangeable Headstyle Insulators

(ANSI 55-4 Pin, ANSI 55-5 Pin, ANSI 57-1 Post, ANSI 57-2 Post, ANSI 57-3 Post, 2-7/8" Neck Diameter)

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)								
WTF-0200	.248	.259	#4, 6/1-7/1 – #4, 7W, Alum. Alloy	100	24	20-3/4	Yellow	Orange
WTF-0201	.260	.269	#4, AWAC, 5/2 – #3, 7W, All-Alum. – #2, 7W, Comp.	100	24	20-3/4	Yellow	Green
WTF-0202	.270	.280	#3, 7W, Alum. Alloy – #3, AWAC, 6/1	100	24	20-3/4	Yellow	Yellow
WTF-0203	.281	.291	#4, AWAC, 4/3 – #3, 6/1 – #2, 6/1, Comp.	100	26	21-3/4	Yellow	White
WTF-0204	.292	.303	#3, AWAC, 5/2 – #3, 7W, All-Alum. – #2, 7/1, Comp.	100	26	21-3/4	Yellow	Purple
WTF-0205	.304	.314	#4, AWAC, 3/4 – #2, AWAC, 6/1	100	27	22-3/4	Yellow	Brown
WTF-0206	.315	.327	#2, 6/1-7/1 – #2, 7W, Alum. Alloy	100	27	22-3/4	Yellow	Red
WTF-0207	.328	.340	#2, AWAC, 5/2 – #1, 7W, All-Alum. 1/0, 7W, Comp.	100	27	23-3/4	Yellow	Blue
WTF-0208	.341	.353	#3, AWAC, 3/4 – #1, 7W, Alum. Alloy	100	27	23-3/4	Yellow	Orange
WTF-0209	.354	.367	#2, AWAC, 4/3 – #1, 6/1 1/0, 6/1, Comp.	100	28	24-3/4	Yellow	Green
WTF-0210	.368	.381	1/0, 7W, All-Alum. – 2/0, 7W, Comp.	100	29	21-1/2	Yellow	Black
WTF-0211	.382	.394	#2, AWAC, 3/4 – 1/0, AWAC, 6/1	100	29	22-1/2	Yellow	White
WTF-0212	.395	.411	1/0, 6/1 1/0, 7W, Alum. Alloy	100	29	22-1/2	Yellow	Yellow
WTF-0213	.412	.437	2/0, 7W-19W, All-Alum. 3/0, – 7W-19W, Comp.	100	30	23-1/2	Yellow	Brown
WTF-0214	.438	.463	2/0, 6/1-7/1 2/0, – 7W, Alum. Alloy	100	31	24-1/2	Yellow	Blue
WTF-0215	.464	.492	3/0, 7W-19W, All-Alum. 4/0, – 7W-19W, Comp.	50	20	25-1/2	Yellow	Green
WTF-0216	.493	.522	3/0, 6/1 3/0, 7W, Alum. Alloy 4/0, – 7W, All-Alum.	50	20	25-1/2	Yellow	Orange
WTF-0217	.523	.554	3/0, AWAC, 5/2 4/0, 18/1 4/0, 19W, All-Alum. 266.8, 7W-19W, Comp.	50	20	25-1/2	Yellow	Black
WTF-0218	.555	.594	4/0, 6/1 4/0, 7W, Alum. Alloy 266.8, 7W-19W, All-Alum.	50	20	26-1/2	Yellow	Red
WTF-0219	.595	.630	266.8, 18/1 300,– 19W-37W,All-Alum.	50	22	28	Yellow	Purple
5/8", R. Groove (See Note 2)								
WTF-0220	.631	.664	266.8, 26/7 266.8, 19W, Alum. Alloy	50	22	29	Yellow	Yellow
WTF-0221	.665	.705	336.4, 18/1-36/1 336.4, 19W, All-Alum. 350, 19W-37W,All-Alum.	50	22	29	Yellow	Brown
WTF-0222	.706	.747	336.4, 26/7-30/7 397.5, 19W, All-Alum.	50	23	30	Yellow	Green
3/4" R. Groove (See Note 2)								
WTF-0223	.748	.795	397.5, 24/7-26/7 397.5, 19W, Alum. Alloy 477, 19W-37W,All-Alum.	50	24	32-1/2	Yellow	Orange

Catalog Number	Diameter Range (Inches)		Nominal Conductor Size	Units	Wt./Lbs.	Applied Length (Inches)	Insulator Identification Mark	Color Code
	Min.	Max.		Per Carton				
WTF-0224	.796	.846	477, 18/1, 36/1 500, 19W, All-Alum.	50	20	37	Yellow	Purple
WTF-0225	.847	.900	556.5, 18/1, 36/1 556.5, 19W, 37W All-Alum	50	21	39	Yellow	Blue
WTF-0226	.901	.958	636, 18/1, 36/1 636, 37W All-Alum. 556.5, 19W Alum. Alloy	50	22	41	Yellow	Green
WTF-0227	.959	1.018	666.6, 24/7, 54/7 750, 37W, All-Alum. 636, 37W, Alum. Alloy	50	22	43	Yellow	White
13/16" R. Groove (See Note 2)								
WTF-0228	1.019	1.083	795, 36/1, 45/7 795, 37W, All-Alum.	50	23	45	Yellow	Brown
7/8" R. or 1" R. Groove (See Note 2)								
WTF-0229	1.084	1.151	954, 36/1 954, 37W, All-Alum. 795, 37W, Alum. Alloy	50	24	47	Yellow	Orange
WTF-0230	1.152	1.223	954, 45/7, 54/7 1033.5, 37W, All-Alum. 954, 37W, Alum. Alloy	50	25	49	Yellow	Purple
WTF-0231	1.224	1.240		50	29	59	Yellow	Black

**For use on: ACSR, Compacted ACSR, Aluminum Alloy All-Aluminum, AWAC®
Compacted All-Aluminum J-Neck Interchangeable Headstyle Insulators**

(ANSI 55-6 Single Skirt Pin, ANSI 55-7 Single Skirt Pin, ANSI 56-1 Double Skirt Pin, 3-1/2" Neck Diameter)

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)								
WTJ-0400	.248	.259	#4, 6/1-7/1 – #4, 7W, Alum. Alloy	100	29	21	Green	Orange
WTJ-0401	.260	.269	#4, AWAC, 5/2 – #3, 7W, All-Alum. – #2, 7W, Comp.	100	29	21	Green	Green
WTJ-0402	.270	.280	#3, 7W, Alum. Alloy – #3, AWAC, 6/1	100	29	21	Green	Yellow
WTJ-0403	.281	.291	#4, AWAC, 4/3 – #3, 6/1 – #2, 6/1 Comp.	100	32	21	Green	White
WTJ-0404	.292	.303	#3, AWAC, 5/2 – #2, 7W, All-Alum. – #2, 7/1, Comp.	100	32	22	Green	Purple
WTJ-0405	.304	.314	#4, AWAC, 3/4 – #2, AWAC, 6/1	100	33	22	Green	Brown
WTJ-0406	.315	.327	#2, 6/1-7/1 – #2, 7W, Alum. Alloy	100	33	23	Green	Red
WTJ-0407	.328	.340	#2, AWAC, 5/2 – #1, 7W, All-Alum. 1/0, 7W, Comp.	100	33	23	Green	Blue
WTJ-0408	.341	.353	#3, AWAC, 3/4 – #1, 7W, Alum. Alloy	100	33	24	Green	Orange
WTJ-0409	.354	.367	#2, AWAC, 4/3 – #1, 6/1 1/0, 6/1, Comp.	100	33	24	Green	Green
WTJ-0410	.368	.381	1/0, 7W, All-Alum. 2/0, 7W, Comp.	100	33	25	Green	Black
WTJ-0411	.382	.394	#2, AWAC, 3/4 1/0, AWAC, 6/1	100	34	23	Green	White
WTJ-0412	.395	.411	1/0, 6/1 1/0, 7W, Alum. Alloy	100	34	24	Green	Yellow
WTJ-0413	.412	.437	2/0, 7W-19W, All-Alum. 3/0, 7W-19W, Comp.	100	35	25	Green	Brown
WTJ-0414	.438	.463	2/0, 6/1-7/1 2/0, 7W, Alum. Alloy	100	35	26	Green	Blue
WTJ-0415	.464	.492	3/0, 7W-19W, All-Alum. 4/0, 7W-19W, Comp.	50	21	28	Green	Green
WTJ-0416	.493	.522	3/0, 6/1 3/0, 7W, Alum. Alloy 4/0, 7W, All-Alum.	50	21	28	Green	Orange
WTJ-0417	.523	.554	3/0, AWAC, 5/2 4/0, 18/1 4/0, 19W, All-Alum. 266.8, 7W-19W,Comp.	50	21	28	Green	Black
WTJ-0418	.555	.594	4/0, 6/1 4/0, 7W, Alum. Alloy 266.8, 7W-19W, All-Alum.	50	22	29	Green	Red
WTJ-0419	.595	.630	266.8, 18/1 300, 19W-37W, All-Alum.	50	24	30	Green	Purple
5/8" R Groove (See Note 2)								
WTJ-0420	.631	.664	266.8, 26/7 266.8, 19W, Alum. Alloy	50	24	31	Green	Yellow
WTJ-0421	.665"	.705"	336.4, 18/1-36/1 336.4, 19W, All-Alum. 350, 19W-37W, All-Alum.	50	24	31	Green	Brown
WTJ-0422	.706"	.747"	336.4, 26/7-30/7 397.5, 19W, All-Alum.	50	25	32	Green	Green
3/4" R Groove (See Note 2)								
WTJ-0423	.748"	.795"	397.5,24/7-26/7 397.5, 19W, Alum. Alloy 477M, 19W-37W, All-Alum.	50	26	34	Green	Orange
WTJ-0424	.796	.846	477, 18/1, 36/1 500, 19W, All-Alum.	50	32	39-1/2	Green	Purple
WTJ-0425	.847	.900	556.5, 18/6, 36/1 556.5, 19W, 37W, All-Alum.	50	33	41	Green	Blue
WTJ-0426	.901	.958	636, 18/1, 36/1 636,37W, All-Alum. 556.5, 19W, Alum. Alloy	25	18	43	Green	Green
WTJ-0427	.959	1.018	666.6, 24/7, 54/7 750, 37W, All-Alum. 636, 37W, Alum. Alloy	50	35	45	Green	White
13/16" R Groove (See Note 2)								
WTJ-0428	1.019	1.083	795, 36/1, 45/7 795, 37W, All-Alum.	25	18	47	Green	Brown
7/8" or 1" Groove (See Note 2)								
WTJ-0429	1.084	1.151	954, 36/1 954, 37W, All-Alum. 795, 37W, Alum. Alloy	25	19	49	Green	Orange
WTJ-0430	1.152	1.223	954, 45/7, 54/7 1033.5, 37W,All-Alum.	25	19	51	Green	Purple
WTJ-0431	1.224	1.240		25	20	59-1/2	Green	Black

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 Copperwld Co.

Videos

Product Gallery