

# WRAPLOCK<sup>®</sup> 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<sup>®</sup>  
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				
<b>9/16" R Groove (See Note 2)</b>								
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				
<b>5/8" , R. Groove (See Note 2)</b>								
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
<b>3/4" R. Groove (See Note 2)</b>								
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
<b>13/16" R. Groove (See Note 2)</b>								
WTC-0128	1.019	1.083	795, 36/1, 45/7 795, 37W Alum. Alloy	50	24	45	Black	Brown
<b>7/8" or 1" R. Groove (See Note 2)</b>								
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				
<b>9/16" R Groove (See Note 2)</b>								
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
<b>5/8", R. Groove (See Note 2)</b>								
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
<b>3/4" R. Groove (See Note 2)</b>								
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
<b>13/16" R. Groove (See Note 2)</b>								
WTF-0228	1.019	1.083	795, 36/1, 45/7 795, 37W, All-Alum.	50	23	45	Yellow	Brown
<b>7/8" R. or 1" R. Groove (See Note 2)</b>								
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 Per Carton	Wt./Lbs.	Applied Length (Inches)	Insulator Identification Mark	Color Code
	Min.	Max.						
<b>9/16" R Groove (See Note 2)</b>								
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
<b>5/8" R Groove (See Note 2)</b>								
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
<b>3/4" R Groove (See Note 2)</b>								
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
<b>13/16" R Groove (See Note 2)</b>								
WTJ-0428	1.019	1.083	795, 36/1, 45/7 795, 37W, All-Alum.	25	18	47	Green	Brown
<b>7/8" or 1" Groove (See Note 2)</b>								
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**