

ARMOR WIRE SUSPENSION

Series 90000



GENERAL DESCRIPTION

Armor Wire Suspension are designed to protect conductors against dynamic stresses and aeolian vibrations at the support point. Protection against flashover damage is also provided. Built from three parts; the rods, the elastomer insert and the clamp housing, they cover conductors diameter from .300" to 2.233".

PERFORMANCE

Armor Wire Suspension rods uniformed with Aluminum Alloy 6061 T8.

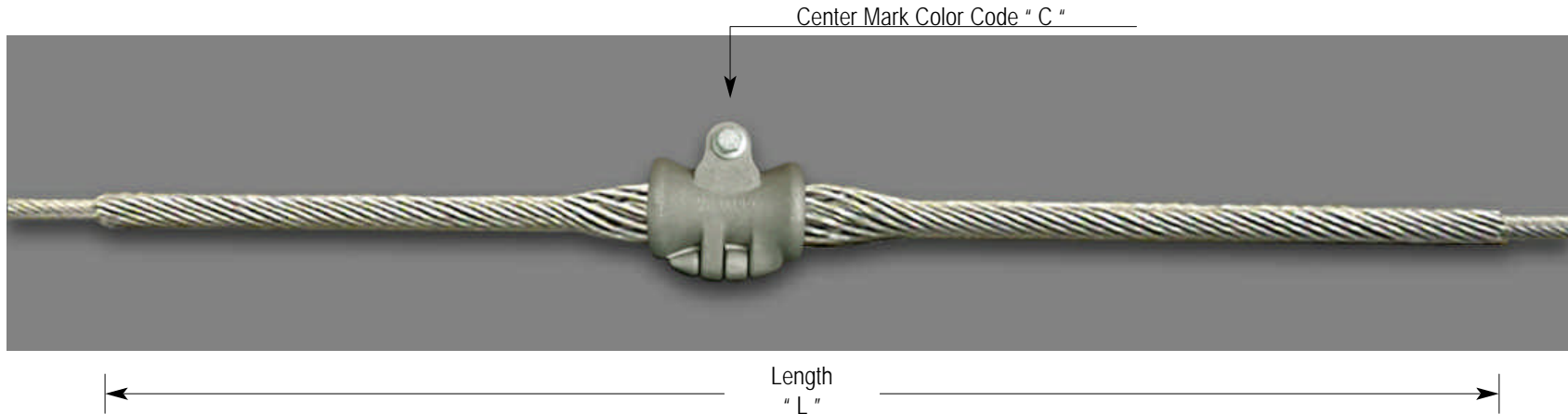
Elastomer formulated for resistance to UHV, ozone attack, weathering, extreme high and low temperature variations, and compression set.

Clamp Housing molded with Die Cast Aluminum Alloy 360 T6.

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Designed for use on: ACSR, All-Aluminum, Aluminum Alloy,
Compacted ACSR, Compacted All-Aluminum, AWAC



Catalog Number	Diameter Range (inches)		Nominal Conductor Size AWG or MCM	AWS Rods				AWS Hardware		AWS Packaging per box		
	Min	Max		Diam (inches)	Qty per set	Color "C"	Length (inches) "L"	Bolt (inches)	Vertical Strength (Lbs)	Rods	Hardware	Rods & Hardware
										Set per box	Units	Weight (Lbs)
91010	0.304	0.315	#4,3/4AWAC	0.1	10	BROWN	26	0.625	10000	24	24	55
91020	0.316	0.327	#2.6/1	0.1	11	RED	26	0.625	10000	24	24	56
91030	0.328	0.342	#4,2/5AWAC	0.1	11	ORANGE	26	0.625	10000	24	24	57
91040	0.343	0.355	#3,3/4AWAC	0.1	11	BLACK	26	0.625	10000	24	24	58
91050	0.356	0.374	#1,5/2AWAC	0.1	12	GREEN	26	0.625	10000	24	24	59
91060	0.375	0.389	#3,2/5AWAC	0.1	12	PURPLE	26	0.625	10000	24	24	59
91070	0.39	0.404	1/0,6/1	0.121	11	YELLOW	36	0.625	10000	24	24	79
91080	0.405	0.418	1/0,5/2AWAC	0.121	11	BROWN	36	0.625	10000	24	24	79
91090	0.419	0.434	#1,3/4AWAC	0.121	11	GREEN	36	0.625	10000	24	24	79

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											Set per box	Units	Weight (Lbs)
91100	0.435	0.45	2/0,6/1	0.121	11	BLUE	36	0.625	10000	24	24	79	
91110	0.451	0.47	2/0,5/2AWAC	0.121	12	WHITE	36	0.625	10000	24	24	83	
91120	0.471	0.481	110.8,12/7	0.121	12	GREEN	36	0.625	10000	24	24	83	
91130	0.482	0.499	#1,2/5AWAC	0.167	10	RED	40	0.625	10000	18	18	44	
91140	0.5	0.512	3/0,6/1	0.167	10	BLUE	40	0.625	10000	18	18	44	
91150	0.513	0.53	4/0,7W ALL-ALUMINUM	0.167	11	GREEN	41	0.625	10000	18	18	47	
91160	0.531	0.542	159,12/7AWAC	0.167	11	YELLOW	41	0.625	10000	18	18	47	
91170	0.543	0.555	2/0,3/4AWAC	0.182	10	BLACK	44	0.625	10000	18	18	53	
91180	0.556	0.573	4/0,6/1	0.182	11	WHITE	44	0.625	10000	18	18	55	
91190	0.574	0.594	266.8,7-19W ALL-ALUMINUM	0.182	11	BROWN	45	0.625	10000	18	18	56	
91200	0.595	0.606	266.8,18/1AWAC	0.182	11	ORANGE	46	0.625	10000	18	18	53	
91210	0.607	0.619	266.8,18/1	0.182	11	PURPLE	46	0.625	10000	18	18	56	
91220	0.62	0.645	266.8,26/7	0.182	12	RED	50	0.625	10000	18	18	61	
91230	0.646	0.673	336.4,19-34W ALL-ALUMINUM	0.204	11	BLUE	54	0.625	15000	15	15	60	
91240	0.674	0.69	300,26/7	0.204	11	GREEN	54	0.625	15000	15	15	61	
91250	0.691	0.71	300,30/7	0.204	12	YELLOW	54	0.625	15000	15	15	64	
91260	0.711	0.731	336.4,26/7	0.204	12	BLACK	55	0.625	15000	15	15	65	
91270	0.732	0.75	336.4,30/7	0.204	12	WHITE	56	0.625	15000	15	15	66	
91280	0.751	0.768	397.5,26/7AWAC	0.25	10	BROWN	60	0.625	20000	12	12	68	
91290	0.769	0.795	397.5,26/7	0.25	11	ORANGE	60	0.625	20000	12	12	68	

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											Set per box	Units	Weight (Lbs)
91300	0.796	0.824	477,18/1	0.25	11	PURPLE	61	0.625	20000	12	12	73	
91310	0.825	0.845	477,26/7AWAC	0.25	11	RED	64	0.625	20000	12	12	76	
91320	0.846	0.87	477,26/7	0.25	11	BLUE	64	0.625	20000	12	12	76	
91330	0.871	0.893	600,37W ALL-ALUMINUM	0.25	12	GREEN	65	0.625	20000	12	12	81	
91340	0.894	0.907	500,30/7	0.25	12	GREEN	65	0.625	20000	12	12	82	
91340	0.908	0.92	556.5,24/7	0.25	12	YELLOW	66	0.625	20000	9	9	81	
91350	0.921	0.937	556.5,26/7	0.25	12	BLACK	66	0.625	20000	9	9	81	
91360	0.938	0.962	605,24/7	0.25	12	WHITE	67	0.625	20000	9	9	81	
91370	0.963	0.986	636,24/7	0.25	13	BROWN	68	0.625	20000	9	9	87	
91380	0.987	1.005	636,26/7	0.25	13	ORANGE	69	0.625	20000	9	9	87	
91390	1.006	1.022	636,30/19	0.31	11	PURPLE	80	0.625	25000	6	6	73	
91400	1.023	1.04	795,37-61W ALL-ALUMINUM	0.31	11	RED	82	0.625	25000	6	6	75	
91410	1.041	1.074	715.5,26/7	0.31	11	BLUE	82	0.625	25000	6	6	75	
91420	1.075	1.09	874.5,37W	0.31	12	GREEN	82	0.625	25000	6	6	78	
91430	1.091	1.118	795,26/7	0.31	12	YELLOW	82	0.625	25000	6	6	78	
91440	1.119	1.136	954,37W ALL-ALUMINUM	0.31	12	BLACK	82	0.625	25000	6	6	78	
91450	1.137	1.152	795,30/19	0.31	12	WHITE	82	0.625	25000	6	6	78	
91460	1.153	1.75	954,45/7	0.31	12	BROWN	82	0.625	25000	6	6	79	
91470	1.176	1.208	954,54/7	0.31	12	ORANGE	82	0.625	20000	6	6	79	
91480	1.209	1.226	1113,61W	0.365	11	PURPLE	88	0.75	25000	3	3	55	

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91490	1.227	1.259	1192.5,61W ALL-ALUMINUM	0.365	11	RED	88	0.75	25000	3	3	55	
91500	1.26	1.286	1113,48/7	0.365	12	BLUE	88	0.75	25000	3	3	58	
91510	1.287	1.314	1272,61W	0.365	12	GREEN	88	0.75	25000	3	3	58	
91520	1.315	1.355	1272,45/7	0.365	12	YELLOW	88	0.75	25000	3	3	58	
91530	1.356	1.394	1272,54/19	0.365	12	BLACK	88	0.75	25000	3	3	60	
91540	1.395	1.416	1351.5,54/19 AWAC	0.365	13	WHITE	88	0.75	25000	3	3	61	
91550	1.417	1.442	1510.5,61W	0.365	13	BROWN	88	0.75	25000	3	3	62	
91560	1.443	1.477	1431,54/19	0.365	13	ORANGE	88	0.75	25000	3	3	64	
91570	1.478	1.516	1590,45/7	0.365	13	PURPLE	88	0.75	25000	3	3	64	
91580	1.517	1.557	1590,54/19	0.365	13	RED	88	0.75	25000	3	3	64	
91590	1.558	1.579	1780,72/7	0.365	14	BLUE	100	0.75	25000	3	3	78	
91600	1.58	1.612	1780,84/19	0.365	14	GREEN	100	0.75	25000	3	3	78	
91610	1.613	1.65	2000,91W	0.365	14	YELLOW	100	0.75	25000	3	3	79	
91620	1.651	1.688	2000,72/7	0.365	15	BLACK	100	0.75	25000	3	3	83	
91630	1.689	1.711	2000,84/19	0.365	15	WHITE	100	0.75	25000	3	3	83	
91640	1.712	1.752	2129,84/19	0.365	15	BROWN	100	0.75	25000	3	3	83	
91650	1.753	1.79	2156,84/19	0.365	15	ORANGE	100	0.75	25000	3	3	83	
91660	1.791	1.828	2300,84/19	0.365	15	PURPLE	100	0.75	25000	3	3	83	
91670	1.829	1.882	2515 MCM, 76/19	0.365	16	RED	100	0.75	25000	3	3	85	
91680	2.193	2.233		0.365	18	RED	100	0.75	30000	3	3	88	