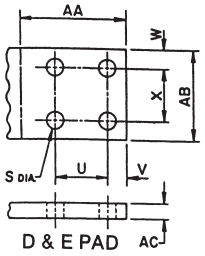
NEMA Standard Pad Sizes

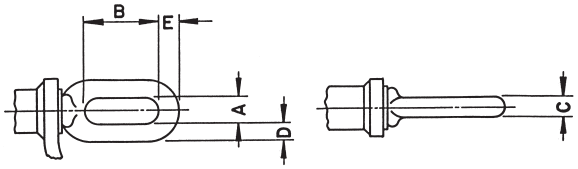


PAD SIZE	DIMENSIONS												
	S		U		V		W		X		AA		AB
	IN	MM	IN	MM	IN	MM	IN	MM	IN	MM	IN	MM	IN
D	.56	14	1.75	44	.62	16	.62	16	1.75	44	3.50	89	3.00
E	.56	14	1.75	44	1.12	29	1.12	29	1.75	44	4.50	114	4.00

Pad Width (AB) and Thickness (AC) for Dead Ends, Terminals and Tee Taps

CATALOG SERIES	5300HT & 5700HT				5100HT, 5600HT & 5800HT				8100HT & 8200HT			
DIE SIZE	AB		AC		AB		AC		AB		AC	
	IN	MM	IN	MM	IN	MM	IN	MM	IN	MM	IN	MM
20	3.00	76	.62	16	3.00	76	.50	13	3.00	76	.50	13
24	3.00	76	.62	16	3.00	76	.50	13	3.00	76	.50	13
27	3.00	76	.62	16	3.00	76	.59	16	3.00	76	.62	16
30	3.00	76	.62	16	3.00	76	.59	16	3.00	76	.62	16
34	3.00	76	.62	16	3.00	76	.59	16	3.00	76	.62	16
36	3.00	76	.62	16	3.00	76	.59	16	3.00	76	.62	16
38	3.00	76	.62	16	3.00	76	.62	16	3.00	76	.62	16
40	4.00	76	.62	16	4.00	76	.62	16	4.00	102	.75	19
42	4.00	102	.75	19	4.00	102	.66	19	4.00	102	.75	19
44	4.00	102	.75	19	4.00	102	.72	19	4.00	102	.75	19
48	4.00	102	.75	19	4.00	102	.81	19	4.00	102	.75	19

Steel Eye Dimensions



EYE CATALOG NUMBER	DIMENSIONS									
	A		B		C		D		E	
	IN	MM	IN	MM	IN	MM	IN	MM	IN	MM
91xx.xxx	0.88	22	2.50	64	.62	16	.62	16	.69	18
92xx.xxx	0.88	22	2.50	64	.69	1 8	.62	16	.81	21
93xx.xxx	1.25	32	2.69	68	.75	19	.69	18	.88	22
94xx.xxx	1.25	32	2.69	68	.75	19	.69	18	.94	24
E95xx.xxx	1.25	32	2.62	67	.78	20	.78	20	.91	23
E96xx.xxx	1.25	32	2.62	67	.88	22	.88	22	1.00	25
E97xx.xxx	1.25	32	2.62	67	1.00	25	1.00	25	1.12	28
E98xx.xxx	1.31	33	2.62	67	1.00	25	.97	25	1.25	32

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HiTemp AFL Filler Compound Requirements For ACSS and ACSS/TW Conductors

A filler port and plug are provided on the dead ends and joints for ACSS and ACSS/TW conductors. The chart below shows the recommended approximate amount of HiTemp AFL Filler Compound (AFCHT) required for each accessory.
AFCHT is available in various packages and sizes. It can be ordered in one-pound tubes with nozzle for a standard caulking gun or it can be ordered in bulk for use in pressure guns. For recommendations about compounds, contact AFL at 1.800.866.7385.

DIE SIZE	CATALOG SERIES									
	5000HT		5100HT 5600HT 5800HT		5300HT 5500HT		8000HT		8100HT 8200HT	
	LBS	G	LBS	G	LBS	G	LBS	G	LBS	G
20	0.1	45	0.1	45	0.1	45	0.3	136	0.2	91
24	0.1	45	0.1	45	0.1	45	0.4	181	0.3	136
27	0.2	91	0.2	91	0.2	91	0.5	227	0.4	181
30	0.4	91	0.2	91	0.2	91	0.6	272	0.5	227
34	0.3	136	0.2	91	0.3	136	0.8	363	0.7	318
36	0.4	181	0.3	136	0.4	181	1.0	454	0.9	408
38	0.4	181	0.3	136	0.4	181	1.2	544	1.0	454
40	0.5	227	0.4	181	0.5	227	1.4	635	1.2	544
42	0.6	272	0.4	181	0.6	272	1.5	680	1.3	590
44	0.7	318	0.5	227	0.7	318	1.6	726	1.4	635
48	0.8	363	0.6	272	0.8	363	1.8	816	1.6	726

Notes:

1. The amount of compound shown in the table above is for the purpose of estimating the amount of compound necessary for a construction project. The tabulated weights of filler compound shown in the above tables for the Catalog 5100HT, 5600HT and 5800HT terminals does not include sufficient quantity to fill the cavity area at the transition of the barrel. If the terminal is installed with the barrel in the upright position, it is imperative that an additional quantity of compound be used to fill the cavity area.
2. 5500HT amounts do not include compound for the tap. Add amount required for the 5100HT Series Terminal Connector of the same die size.

Bolt Sizes and Recommended Torque

15° TERMINAL SIZE	BOLT SIZE	RECOMMENDED TORQUE	
		LBF-FT	N-M
5120HT, 5124HT, 5127HT	1/2"-13UNC x 2.00"	25	34
5130HT1	1/2"-13UNC x 2.00"	25	34
5134HT1, 5136HT1, 5138HT1	1/2"-13UNC x 2.25"	25	34
5140HT1, 5142HT1, 5144HT1, 5148HT1	1/2"-13UNC x 2.50"	25	34

Note:
Corona head bolts furnished with these sizes.

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Conductor Information for ACSS Conductors

CODE NAME	SIZE	STRANDING	DIAMETER (IN)				WEIGHT PER 1000 FT	RATED STRENGTH	RESISTANCE OHMS/1000 FT		AMPACITY @ 200° C	SAG10® CHART NUMBER
			INDIVIDUAL WIRES		STEEL CORE	COMPLETE CABLE						
	KCMIL	AL/ST	AL	ST			LBS	LBS	DC @ 20°C	AC @ 75°C	AMPS	
Partridge/ACSS	266.8	26/7	0.101	0.079	0.236	0.642	366.8	8,880	0.062	0.076	812	3-945
Junco/ACSS	266.8	30/7	0.094	0.094	0.283	0.660	417.4	11,700	0.062	0.076	822	3-947
Ostrich/ACSS	300.0	26/7	0.107	0.084	0.251	0.680	412.4	10,000	0.055	0.068	877	3-945
Linnet/ACSS	336.4	26/7	0.114	0.089	0.265	0.720	462.5	11,200	0.049	0.060	945	3-945
Oriole/ACSS	336.4	30/7	0.106	0.106	0.318	0.741	526.3	14,800	0.049	0.060	957	3-947
Brant/ACSS	397.5	24/7	0.129	0.086	0.257	0.772	511.4	11,000	0.042	0.051	1,047	3-944
Ibis/ACSS	397.5	26/7	0.124	0.096	0.289	0.783	546.5	13,000	0.042	0.051	1,054	3-945
Lark/ACSS	397.5	30/7	0.115	0.115	0.345	0.806	621.9	17,500	0.041	0.051	1,068	3-947
Flicker/ACSS	477.0	24/7	0.141	0.094	0.282	0.846	613.6	13,000	0.035	0.043	1,180	3-944
Hawk/ACSS	477.0	26/7	0.135	0.105	0.316	0.858	655.8	15,600	0.035	0.043	1,188	3-945
Hen/ACSS	477.0	30/7	0.126	0.126	0.378	0.883	746.3	21,000	0.034	0.042	1,204	3-947
Parakeet/ACSS	556.5	24/7	0.152	0.102	0.305	0.914	715.9	15,200	0.030	0.037	1,306	3-944
Dove/ACSS	556.5	26/7	0.146	0.114	0.341	0.927	765.1	18,200	0.030	0.037	1,315	3-945
Eagle/ACSS	556.5	30/7	0.136	0.136	0.409	0.953	870.6	24,500	0.030	0.036	1,331	3-947
Peacock/ACSS	605.0	24/7	0.159	0.106	0.318	0.953	778.3	16,500	0.027	0.034	1,379	3-944
Squab/ACSS	605.0	26/7	0.153	0.119	0.356	0.966	831.8	19,700	0.027	0.034	1,389	3-945
Wood Duck/ACSS	605.0	30/7	0.142	0.142	0.426	0.994	946.5	26,100	0.027	0.033	1,407	3-947
Teal/ACSS	605.0	30/19	0.142	0.085	0.426	0.994	938.6	26,600	0.027	0.034	1,406	3-955
Rook/ACSS	636.0	24/7	0.163	0.109	0.326	0.977	818.2	17,300	0.026	0.032	1,425	3-944
Grosbeak/ACSS	636.0	26/7	0.156	0.122	0.365	0.991	874.4	20,700	0.026	0.032	1,435	3-945
Scoter/ACSS	636.0	30/7	0.146	0.146	0.437	1.019	995.0	27,400	0.026	0.032	1,454	3-947
Egret/ACSS	636.0	30/19	0.146	0.087	0.437	1.019	986.8	28,000	0.026	0.032	1,453	3-955
Flamingo/ACSS	666.6	24/7	0.167	0.111	0.333	1.000	857.6	18,200	0.025	0.031	1,470	3-944
Gannet/ACSS	666.6	26/7	0.160	0.125	0.374	1.014	916.4	21,700	0.025	0.031	1,480	3-945
Stilt/ACSS	715.5	24/7	0.173	0.115	0.345	1.036	920.5	19,500	0.023	0.029	1,540	3-944
Starling/ACSS	715.5	26/7	0.166	0.129	0.387	1.051	983.7	23,300	0.023	0.029	1,550	3-945
Redwing/ACSS	715.5	30/19	0.154	0.093	0.463	1.081	1110.1	30,800	0.023	0.028	1,570	3-955
Cuckoo/ACSS	795.0	24/7	0.182	0.121	0.364	1.092	1022.7	21,700	0.021	0.026	1,650	3-944
Drake/ACSS	795.0	26/7	0.175	0.136	0.408	1.107	1093.0	25,900	0.021	0.026	1,662	3-945
Macaw/ACSS	795.0	42/7	0.138	0.076	0.229	1.055	857.5	11,800	0.021	0.026	1,621	3-949
Tern/ACSS	795.0	45/7	0.133	0.089	0.266	1.063	894.9	14,200	0.021	0.026	1,618	3-951
Condor/ACSS	795.0	54/7	0.121	0.121	0.364	1.092	1022.7	16,600	0.021	0.027	1,618	3-954
Mallard/ACSS	795.0	30/19	0.163	0.098	0.488	1.139	1233.4	34,300	0.021	0.026	1,683	3-955
Ruddy/ACSS	900.0	45/7	0.141	0.094	0.283	1.131	1013.1	15,800	0.019	0.023	1,755	3-951
Canary/ACSS	900.0	54/7	0.129	0.129	0.387	1.162	1157.8	24,600	0.018	0.024	1,756	3-954
Redbird/ACSS	954.0	24/7	0.199	0.133	0.399	1.196	1227.3	26,000	0.017	0.022	1,859	3-944
Rail/ACSS	954.0	45/7	0.146	0.097	0.291	1.165	1073.9	16,700	0.018	0.022	1,824	3-951
Towhee/ACSS	954.0	48/7	0.141	0.110	0.329	1.175	1122.3	19,700	0.018	0.022	1,842	3-953
Cardinal/ACSS	954.0	54/7	0.133	0.133	0.399	1.196	1227.3	26,000	0.017	0.022	1,825	3-954
Canvasback/ACSS	954.0	30/19	0.178	0.107	0.535	1.248	1480.1	41,100	0.017	0.021	1,897	3-955
Snowbird/ACSS	1033.5	42/7	0.157	0.087	0.261	1.203	1114.7	15,400	0.016	0.020	1,924	3-949
Ortolan/ACSS	1033.5	45/7	0.152	0.101	0.303	1.212	1163.4	18,100	0.016	0.020	1,921	3-951
Curlew/ACSS	1033.5	54/7	0.138	0.138	0.415	1.245	1329.6	28,200	0.016	0.021	1,924	3-954
Bluejay/ACSS	1113.0	45/7	0.157	0.105	0.315	1.258	1252.8	19,500	0.015	0.019	2,017	3-951
Finch/ACSS	1113.0	54/19	0.144	0.086	0.431	1.292	1428.9	30,400	0.015	0.019	2,015	3-957
Bunting/ACSS	1192.5	45/7	0.163	0.109	0.326	1.302	1342.4	20,900	0.014	0.018	2,110	3-951
Bittern/ACSS	1272.0	45/7	0.168	0.112	0.336	1.345	1431.9	22,300	0.013	0.017	2,200	3-951

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Conductor Information for ACSS Conductors (cont.)

CODE NAME	SIZE	STRANDING	DIAMETER (IN)				WEIGHT PER 1000 FT	RATED STRENGTH	RESISTANCE OHMS/1000 FT		AMPACITY @ 200° C	SAG10® CHART NUMBER
			INDIVIDUAL WIRES		STEEL CORE	COMPLETE CABLE						
	KCMIL	AL/ST	AL	ST			LBS	LBS	DC @ 20°C	AC @ 75°C	AMPS	
Pheasant/ACSS	1272.0	54/19	0.154	0.092	0.460	1.381	1633.0	34,100	0.013	0.017	2,200	3-957
Dipper/ACSS	1351.0	45/7	0.173	0.116	0.347	1.386	1520.8	23,700	0.012	0.016	2,289	3-951
Martin/ACSS	1351.0	54/19	0.158	0.095	0.475	1.424	1734.5	36,200	0.012	0.016	2,288	3-957
Bobolink/ACSS	1431.0	45/7	0.178	0.119	0.357	1.427	1610.8	25,100	0.012	0.015	2,375	3-951
Plover/ACSS	1431.0	54/19	0.163	0.098	0.488	1.465	1837.2	38,400	0.012	0.015	2,375	3-957
Nuthatch/ACSS	1510.0	45/7	0.183	0.122	0.366	1.465	1699.8	26,500	0.011	0.014	2,459	3-951
Parrot/ACSS	1510.0	54/19	0.167	0.100	0.502	1.505	1938.6	40,500	0.011	0.014	2,460	3-957
Ratite/ACSS	1590.0	42/7	0.195	0.108	0.324	1.492	1715.0	23,400	0.011	0.014	2,543	3-949
Lapwing/ACSS	1590.0	45/7	0.188	0.125	0.376	1.504	1789.8	27,900	0.011	0.014	2,543	3-951
Falcon/ACSS	1590.0	54/19	0.172	0.103	0.515	1.544	2041.4	42,600	0.011	0.014	2,545	3-957
Chukar/ACSS	1780.0	84/19	0.146	0.087	0.437	1.601	2070.8	35,400	0.009	0.012	2,751	3-959
Mockingbird/ACSS	2034.5	72/7	0.168	0.112	0.336	1.681	2159.3	27,200	0.008	0.011	2,960	3-954
Roadrunner/ACSS	2057.0	76/19	0.165	0.077	0.384	1.700	2245.2	31,700	0.008	0.011	2,992	3-959
Bluebird/ACSS	2156.0	84/19	0.160	0.096	0.481	1.762	2508.2	42,100	0.008	0.010	3,106	3-959
Kiwi/ACSS	2167.0	72/7	0.174	0.116	0.347	1.735	2299.9	29,000	0.008	0.010	3,080	3-954
Thrasher/ACSS	2312.0	76/19	0.174	0.081	0.407	1.802	2523.5	35,600	0.007	0.010	3,218	3-959
Joree/ACSS	2515.0	76/19	0.182	0.085	0.425	1.880	2745.1	38,700	0.007	0.009	3,390	3-959

Notes:

1. Data based on a nominal cable manufactured in accordance with ASTM B 857.
2. Resistance and ampacity based on an aluminum conductivity of 63%, IACS at 20°C, and a steel conductivity of 8% IACS at 20°C.
3. Ampacity based on a 200°C conductor temperature, 25°C ambient temperature, 2 ft/sec. wind, in sun, with emissivity of 0.5 and a coefficient of solar absorption of 0.5, at sea level.
4. Rated strengths based on Class A galvanized steel core wire in accordance with ASTM B 498.

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Conductor Information for ACSS/TW Conductors

CODE NAME	SIZE	TYPE	STRANDING	DIAMETER (IN)		WEIGHT PER 1000 FT	RATED STRENGTH	RESISTANCE OHMS/1000 FT		AMPACITY @ 200° C	SAG10® CHART NUMBER
	KCMIL		AL/ST	STEEL CORE	COMPLETE CABLE	LBS	LBS	DC @ 20°C	AC @ 75°C	AMPS	
Oriole/ACSS/TW	336.4	23	18/7	0.318	0.693	524.9	14,800	0.2565	0.3151	940	3-955
Flicker/ACSS/TW	477.0	13	18/7	0.282	0.776	612.8	13,000	0.1838	0.2255	1151	3-944
Hawk/ACSS/TW	477.0	16	18/7	0.316	0.789	655.0	15,600	0.1825	0.2247	1159	3-945
Hen/ACSS/TW	477.0	23	18/7	0.378	0.825	744.5	21,000	0.1809	0.2225	1181	3-955
Parakeet/ACSS/TW	556.5	13	18/7	0.305	0.835	714.9	15,200	0.1569	0.1935	1271	3-944
Dove/ACSS/TW	556.5	16	20/7	0.341	0.852	764.5	18,200	0.1564	0.1928	1282	3-945
Calumet/ACSS/TW	565.3	16	18/7	0.344	0.858	775.8	18,400	0.1540	0.1898	1295	3-945
Mohawk/ACSS/TW	571.7	13	18/7	0.309	0.846	734.7	15,600	0.1527	0.1884	1294	3-644
Rook/ACSS/TW	636.0	13	19/7	0.326	0.890	816.0	17,300	0.1373	0.1696	1386	3-944
Grosbeak/ACSS/TW	636.0	16	20/7	0.365	0.908	873.5	20,700	0.1369	0.1689	1398	3-945
Scoter/ACSS/TW	636.0	23	18/7	0.437	0.953	992.4	27,400	0.1357	0.1672	1427	3-955
Oswego/ACSS/TW	664.8	16	20/7	0.373	0.927	913.4	21,700	0.1309	0.1617	1439	3-945
Mystic/ACSS/TW	666.6	13	20/7	0.333	0.913	856.3	18,200	0.1310	0.1619	1431	3-944
Wabash/ACSS/TW	762.8	16	20/7	0.399	0.990	1047.0	24,900	0.1141	0.1411	1573	3-945
Maumee/ACSS/TW	768.2	13	20/7	0.359	0.977	987.8	21,000	0.1137	0.1407	1569	3-944
Tern/ACSS/TW	795.0	7	17/7	0.236	0.960	891.0	15,200	0.1105	0.1373	1580	3-951
Puffin/ACSS/TW	795.0	10	18/7	0.332	0.980	974.0	18,900	0.1101	0.1365	1595	3-942
Condor/ACSS/TW	795.0	13	20/7	0.364	0.993	1020.0	21,700	0.1098	0.1361	1604	3-944
Drake/ACSS/TW	795.0	16	20/7	0.408	1.010	1091.0	25,900	0.1095	0.1355	1616	3-945
Canary/ACSS/TW	900.0	13	30/7	0.387	1.080	1159.0	24,600	0.0975	0.1211	1748	3-954
Fraser/ACSS/TW	946.7	10	35/7	0.346	1.077	1142.0	21,100	0.0930	0.1159	1786	3-942
Phoenix/ACSS/TW	954.0	5	30/7	0.251	1.044	1028.0	14,200	0.0927	0.1158	1769	3-949
Rail/ACSS/TW	954.0	7	32/7	0.291	1.061	1074.0	16,700	0.0926	0.1155	1781	3-951
Cardinal/ACSS/TW	954.0	13	20/7	0.399	1.084	1227.0	26,000	0.0915	0.1138	1805	3-954
Kettle/ACSS/TW	957.2	7	32/7	0.292	1.060	1079.0	16,800	0.0923	0.1152	1783	3-951
Suwannee/ACSS/TW	959.6	16	22/7	0.448	1.108	1318.0	30,700	0.0907	0.1127	1827	3-945
Columbia/ACSS/TW	966.2	13	21/7	0.401	1.092	1241.0	26,400	0.0938	0.1124	1821	3-954
Snowbird/ACSS/TW	1033.5	5	30/7	0.261	1.089	1114.0	15,400	0.0856	0.1072	1865	3-949
Ortolan/ACSS/TW	1033.5	7	32/7	0.303	1.102	1163.0	18,100	0.0854	0.1069	1875	3-951
Curlew/ACSS/TW	1033.5	13	22/7	0.415	1.128	1326.0	28,200	0.0845	0.1053	1902	3-954
—	1080.0	7	20/7	0.310	1.131	1211.0	18,900	0.0814	0.1020	1936	3-951
Avocet/ACSS/TW	1113.0	5	30/7	0.271	1.129	1199.0	16,300	0.0794	0.0999	1957	3-949
Bluejay/ACSS/TW	1113.0	7	33/7	0.315	1.143	1253.0	19,500	0.0793	0.0996	1967	3-951
Finch/ACSS/TW	1113.0	13	38/19	0.431	1.185	1427.0	30,400	0.0789	0.0986	1998	3-957
Genesee/ACSS/TW	1158.0	7	33/7	0.323	1.165	1308.0	20,500	0.0762	0.0959	2018	3-951
Hudson/ACSS/TW	1158.4	13	26/7	0.440	1.196	1489.0	31,100	0.0754	0.0943	2050	3-954
Cheyenne/ACSS/TW	1168.1	5	30/7	0.278	1.155	1260.0	17,200	0.0757	0.0954	2018	3-949
Oxbird/ACSS/TW	1192.5	5	30/7	0.281	1.167	1285.0	17,500	0.0741	0.0935	2046	3-949
Bunting/ACSS/TW	1192.5	7	33/7	0.326	1.181	1342.0	20,900	0.0740	0.0932	2056	3-951
Grackle/ACSS/TW	1192.5	13	38/19	0.446	1.225	1529.0	32,600	0.0737	0.0923	2089	3-957
Yukon/ACSS/TW	1233.6	13	38/19	0.445	1.245	1586.0	33,200	0.0712	0.0893	2136	3-954
Nelson/ACSS/TW	1257.1	7	35/7	0.335	1.213	1417.0	22,100	0.0702	0.0887	2127	3-951
Scissortail/ACSS/TW	1272.0	5	30/7	0.290	1.202	1371.0	18,700	0.0695	0.0880	2132	3-949
Catawba/ACSS/TW	1272.0	5	30/7	0.290	1.203	1372.0	18,700	0.0695	0.0880	2132	3-949
Bittern/ACSS/TW	1272.0	7	35/7	0.336	1.220	1432.0	22,300	0.0694	0.0877	2144	3-951
Pheasant/ACSS/TW	1272.0	13	39/19	0.461	1.264	1630.0	34,100	0.0691	0.0867	2178	3-957
Thames/ACSS/TW	1334.6	13	39/19	0.472	1.290	1713.0	35,800	0.0658	0.0828	2245	3-957

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Conductor Information for ACSS/TW Conductors (cont.)

CODE NAME	SIZE	TYPE	STRANDING	DIAMETER (IN)		WEIGHT PER 1000 FT	RATED STRENGTH	RESISTANCE OHMS/1000 FT		AMPACITY @ 200° C	SAG10® CHART NUMBER
	KCMIL		AL/ST	STEEL CORE	COMPLETE CABLE	LBS	LBS	DC @ 20°C	AC @ 75°C	AMPS	
Dipper/ACSS/TW	1351.5	7	35/7	0.347	1.256	1521.0	23,700	0.0653	0.0828	2229	3-951
Martin/ACSS/TW	1351.5	13	39/19	0.475	1.300	1732.0	36,200	0.0650	0.0819	2264	3-957
Mackenzie/ACSS/TW	1359.7	7	36/7	0.348	1.259	1530.0	23,900	0.0649	0.0823	2237	3-951
Truckee/ACSS/TW	1372.5	5	30/7	0.301	1.248	1481.0	20,200	0.0644	0.0819	2238	3-949
Bobolink/ACSS/TW	1431.0	7	36/7	0.357	1.291	1611.0	25,100	0.0617	0.0785	2312	3-951
Plover/ACSS/TW	1431.0	13	37/19	0.489	1.337	1834.0	38,400	0.0614	0.0775	2350	3-957
Merrimack/ACSS/TW	1433.6	13	39/19	0.489	1.340	1840.0	38,400	0.0613	0.0774	2354	3-957
Miramichi/ACSS/TW	1455.3	7	36/7	0.360	1.302	1640.0	25,600	0.0607	0.0773	2338	3-951
St. Croix/ACSS/TW	1467.8	5	33/7	0.312	1.292	1585.0	21,600	0.0602	0.0770	2338	3-949
Rio Grande/ACSS/TW	1533.3	13	39/19	0.506	1.382	1968.0	41,200	0.0573	0.0726	2456	3-957
Potomac/ACSS/TW	1557.4	7	36/7	0.372	1.345	1755.0	27,300	0.0567	0.0726	2441	3-951
Platte/ACSS/TW	1569.0	5	33/7	0.322	1.334	1693.0	23,100	0.0564	0.0724	2439	3-949
Lapwing/ACSS/TW	1590.0	7	36/7	0.376	1.358	1790.0	27,900	0.0555	0.0712	2473	3-951
Falcon/ACSS/TW	1590.0	13	42/19	0.515	1.408	2038.0	42,600	0.0553	0.0702	2515	3-957
Pecos/ACSS/TW	1622.0	13	39/19	0.532	1.424	2107.0	45,000	0.0541	0.0688	2551	3-957
Schuylkill/ACSS/TW	1657.4	7	36/7	0.384	1.386	1868.0	29,100	0.0533	0.0685	2539	3-951
James/ACSS/TW	1730.6	13	34/19	0.538	1.470	2221.0	46,400	0.0508	0.0649	2657	3-944
Pee Dee/ACSS/TW	1758.6	7	37/7	0.396	1.427	1982.0	30,900	0.0502	0.0649	2637	3-951
Chukar/ACSS/TW	1780.0	8	37/19	0.437	1.445	2061.0	35,300	0.0495	0.0639	2670	3-959
Cumberland/ACSS/TW	1926.9	13	42/19	0.567	1.545	2471.0	51,600	0.0564	0.0715	2569	3-957
Athabaska/ACSS/TW	1949.6	7	42/7	0.418	1.504	2199.0	34,300	0.0453	0.0592	2817	3-951
Powder/ACSS/TW	2153.8	8	64/19	0.481	1.602	2498.0	42,100	0.0412	0.0543	3009	3-959
Bluebird/ACSS/TW	2156.0	8	64/19	0.481	1.608	2512.0	42,100	0.0411	0.0543	3014	3-959
Santee/ACSS/TW	2627.3	8	64/19	0.531	1.762	3048.0	51,300	0.0338	0.0459	3403	3-959

Notes:

1. Data based on a nominal cable manufactured in accordance with ASTM B 857.
2. Resistance and ampacity based on an aluminum conductivity of 63%, IACS at 20°C, and a steel conductivity of 8% IACS at 20°C.
3. Ampacity based on a 200°C conductor temperature, 25°C ambient temperature, 2 ft/sec. wind, in sun, with emissivity of 0.5 and a coefficient of solar absorption of 0.5, at sea level.
4. Rated strengths based on Class A galvanized steel core wire in accordance with ASTM B 498.

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