



## **PREFORMED** LINE PRODUCTS

### **Transmission: Product Selection Charts**

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# Transmission: Product Selection Charts

Transmission Line Products for Popular ACSR Conductors								
kcmil	4/0 6/1	266.8 18/1	266.8 26/7	336.4 18/1	336.4 26/7	397.5 18/1	397.5 26/7	477 18/1
Code Word	Penguin	Waxwing	Partridge	Merlin	Linnet	Chickadee	Ibis	Pelican
diameter (in.)	0.563	0.609	0.642	0.684	0.720	0.743	0.783	0.814
<b>PRODUCT</b>								
CUSHION-GRIP Suspension	N/A	CGS-1100	CGS-1100	CGS-1101	CGS-1102	CGS-1102	CGS-1103	CGS-1104
CUSHION-GRIP Support	CGS-2100	CGS-2101	CGS-2101	CGS-2101	CGS-2101	CGS-2101	CGS-2101	CGS-2101
ARMOR-GRIP Suspension	AGS-5104	AGS-5107	AGS-5108	AGS-5110	AGS-5112	AGS-5113	AGS-5115	AGS-5116
ARMOR-GRIP Support	AGS-5204	AGS-5207	AGS-5208	AGS-5210	AGS-5212	AGS-5213	AGS-5215	AGS-5216
ARMOR Rod	AR-0124	AR-0126	AR-0127	AR-0129	AR-0130	AR-0131	AR-0132	AR-0132
Conductor Splice	LS-0134	LS-0136	LS-0137	LS-0139	LS-0140	LS-0141	LS-0142	LS-0143
Full Tension Splice	FTS-5110	FTSMS4290	FTS-5111	FTS-5112	FTS-5113	N/A	FTS-5115	FTSMS6056
Helical Rod Spacer	N/A	N/A	SUMS-9408	N/A	SUMS-7199	N/A	SUMS-1525	SUMS-7424
CUSHION-GRIP Twin Spacer	N/A	N/A	N/A	CGTS-0101	CGTS-0102	CGTS-0102	CGTS-0103	CGTS-0104
Spacer Damper (Type "C")	N/A	N/A	N/A	CGSDC-X4518	CGSDC-X4519	CGSDC-X4519	CGSDC-X4520	CGSDC-X4521
Spacer Damper (Type "B")	N/A	N/A	N/A	CGSDB-X4518	CGSDB-X4519	CGSDB-X4519	CGSDB-X4520	CGSDB-X4521
VORTX Conductor Damper	VSD-2016	VSD-2016	VSD-2020	VSD-2020	VSD-2020	VSD-2520	VSD-2520	VSD-2525
Spiral Vibration Damper	5050105	5050106	5050106	5050106	5050106	5050106	N/A	N/A
Air Flow Spoiler	5058102	5058103	5058103	5058103	5058103	5058103	5058104	5058104

kcmil	477 26/7	556.5 18/1	556.5 26/7	605 26/7	636 18/1	636 26/7	666.6 26/7	715.5 26/7
Code Word	Hawk	Osprey	Dove	Squab	Kingbird	Grosbeak	Gannet	Starling
diameter (in.)	0.858	0.879	0.927	0.966	0.940	0.990	1.014	1.051
<b>PRODUCT</b>								
CUSHION-GRIP Suspension	CGS-1105	CGS-1105	CGS-1106	CGS-1107	CGS-1107	CGS-1108	CGS-1108	CGS-1109
CUSHION-GRIP Support	CGS-2101	CGS-2101	CGS-2102	CGS-2102	CGS-2102	CGS-2102	CGS-2102	CGS-2102
ARMOR-GRIP Suspension	AGS-5118	AGS-5119	AGS-5122	AGS-5124	AGS-5123	AGS-5125	AGS-5126	AGS-5128
ARMOR-GRIP Susp, EHV	N/A	N/A	AGS-5501	AGS-5503	AGS-5502	AGS-5504	AGS-5505	AGS-5507
ARMOR-GRIP Support	AGS-5218	AGS-5219	AGS-5222	AGS-5224	AGS-5223	AGS-5225	AGS-5226	AGS-5228
ARMOR Rod	AR-0134	AR-0134	AR-0135	AR-0136	AR-0136	AR-0137	AR-0137	AR-0139
ARMOR Rod, EHV	N/A	N/A	N/A	N/A	N/A	AR-0500	AR-0500	AR-0502
Conductor Splice	LS-0145	LS-0145	LS-0146	LS-0147	LS-0147	LS-0148	LS-0149	LS-0150
Full Tension Splice	FTS-5117	FTSMS6515	FTS-5118	N/A	FTSMS4264	FTS-5120	FTSMS6627	FTSMS2901
Helical Rod Spacer	SUMS-3352	SUMS-7425	SUMS-3540	SUMS-5423	SUMS-3540	SUMS-5423	SUMS-7426	SUMS-5504
CUSHION-GRIP Twin Spacer	CGTS-0105	CGTS-0106	CGTS-0107	CGTS-0108	CGTS-0107	CGTS-0109	CGTS-0109	CGTS-0110
Spacer Damper (Type "C")	CGSDC-X4522	CGSDC-X4523	CGSDC-X4524	CGSDC-X4525	CGSDC-X4524	CGSDC-X4526	CGSDC-X4526	CGSDC-X4527
Spacer Damper (Type "B")	CGSDB-X4522	CGSDB-X4523	CGSDB-X4524	CGSDB-X4525	CGSDB-X4524	CGSDB-X4526	CGSDB-X4526	CGSDB-X4527
VORTX Conductor Damper	VSD-2525	VSD-3525	VSD-3525	VSD-3525	VSD-3525	VSD-4032	VSD-4032	VSD-4032
Air Flow Spoiler	5058104	5058104	5058105	5058105	5058105	5058105	5058105	5058106
Air Flow Spoiler, EHV	N/A	N/A	5058200	5058200	5058200	5058200	5058200	5058201

kcmil	795 36/1	795 45/7	795 54/7	795 26/7	954 45/7	954 54/7	1033.5 45/7	1033.5 54/7
Code Word	Coot	Tern	Condor	Drake	Rail	Cardinal	Ortolan	Curlew
diameter (in.)	1.040	1.063	1.093	1.108	1.165	1.196	1.212	1.244
<b>PRODUCT</b>								
CUSHION-GRIP Suspension	CGS-1109	CGS-1109	CGS-1110	CGS-1110	CGS-1112	CGS-1112	CGS-1113	CGS-1114
CUSHION-GRIP Support	CGS-2102	CGS-2102	CGS-2102	CGS-2102	CGS-2102	CGS-2102	CGS-2103	CGS-2103
ARMOR-GRIP Suspension	AGS-5127	AGS-5128	AGS-5130	AGS-5130	AGS-5133	AGS-5134	AGS-5135	AGS-5136
ARMOR-GRIP Susp, EHV	AGS-5506	AGS-5507	AGS-5509	AGS-5509	AGS-5512	AGS-5513	AGS-5514	AGS-5515
ARMOR-GRIP Support	AGS-5227	AGS-5228	AGS-5230	AGS-5230	AGS-5233	AGS-5234	AGS-5235	AGS-5236
ARMOR Rod	AR-0139	AR-0139	AR-0140	AR-0141	AR-0143	AR-0143	AR-0144	AR-0144
ARMOR Rod, EHV	AR-0502	AR-0502	AR-0503	AR-0504	AR-0506	AR-0506	AR-0507	AR-0507
Conductor Splice	LS-0149	LS-0150	LS-0151	LS-0151	LS-0152	LS-0153	LS-0153	LS-0154
Full Tension Splice	N/A	N/A	FTSMS8375	FTS-5122	FTSMS4739	FTSMS4743	N/A	FTSMS7308
Helical Rod Spacer	SUMS-5504	SUMS-5504	SUMS-1245	SUMS-1245	SUMS-3850	SUMS-3850	SUMS-6070	SUMS-6070
CUSHION-GRIP Twin Spacer	CGTS-0110	CGTS-0110	CGTS-0111	CGTS-0112	CGTS-0113	CGTS-0114	CGTS-0114	CGTS-0115
Spacer Damper (Type "C")	CGSDC-X4527	CGSDC-X4527	CGSDC-X4528	CGSDC-X4529	CGSDC-X4530	CGSDC-X4531	CGSDC-X4531	CGSDC-X4532
Spacer Damper (Type "B")	CGSDB-X4527	CGSDB-X4527	CGSDB-X4528	CGSDB-X4529	CGSDB-X4530	CGSDB-X4531	CGSDB-X4531	CGSDB-X4532
VORTX Conductor Damper	VSD-4032	VSD-4032	VSD-4032	VSD-4032	VSD-4032	VSD-4032	VSD-4032	VSD-4032
Air Flow Spoiler	5058106	5058106	5058106	5058106	5058106	5058107	5058107	5058107
Air Flow Spoiler, EHV	5058201	5058201	5058201	5058201	5058201	5058202	5058202	5058202

# Transmission: Product Selection Charts

Transmission Line Products for Popular ACSR Conductors								
kcmil	1113 45/7	1113 54/19	1192.5 45/7	1192.5 54/19	1272 45/7	1272 54/19	1351.5 45/7	1351.5 54/19
Code Word	Bluejay	Finch	Bunting	Grackle	Bittern	Pheasant	Dipper	Martin
diameter (in.)	1.259	1.293	1.302	1.333	1.345	1.382	1.386	1.424
<b>PRODUCT</b>								
CUSHION-GRIP Suspension	CGS-1114	CGS-1114	CGS-1115	CGS-1115	CGS-1115	CGS-1116	CGS-1116	CGS-1117
CUSHION-GRIP Support	CGS-2103	CGS-2103	CGS-2103	CGS-2103	CGS-2103	CGS-2103	CGS-2103	CGS-2103
ARMOR-GRIP Suspension	AGS-5136	AGS-5138	AGS-5138	AGS-5139	AGS-5139	AGS-5140	AGS-5140	AGS-5142
ARMOR-GRIP Susp, EHV	AGS-5515	AGS-5517	AGS-5517	AGS-5518	AGS-5518	AGS-5519	AGS-5519	AGS-5521
ARMOR-GRIP Support	AGS-5236	AGS-5238	AGS-5238	AGS-5239	AGS-5239	AGS-5240	AGS-5240	AGS-5242
ARMOR Rod	AR-0144	AR-0145	AR-0145	AR-0146	AR-0146	AR-0146	AR-0146	AR-0147
ARMOR Rod, EHV	AR-0507	AR-0508	AR-0508	AR-0509	AR-0509	AR-0509	AR-0509	AR-0510
Conductor Splice	LS-0154	LS-0154	LS-0155	LS-0155	LS-0155	LS-0156	LS-0156	LSMS11031
Full Tension Splice	FTSMS2781	FTSMS7916	N/A	N/A	FTS-5123	FTSMS7063	N/A	FTSMS7945
Helical Rod Spacer	SUMS-5276	SUMS-5276	SUMS-5276	SUMS-5519	SUMS-5519	SUMS-7228	SUMS-7228	SUMS-7228
CUSHION-GRIP Twin Spacer	CGTS-0115	CGTS-0116	CGTS-0116	CGTS-0117	CGTS-0117	CGTS-0118	CGTS-0119	CGTS-0120
Spacer Damper (Type "C")	CGSDC-X4532	CGSDC-X4533	CGSDC-X4533	CGSDC-X4534	CGSDC-X4534	CGSDC-X4535	CGSDC-X4536	CGSDC-X4537
Spacer Damper (Type "B")	CGSDB-X4532	CGSDB-X4533	CGSDB-X4533	CGSDB-X4534	CGSDB-X4534	CGSDB-X4535	CGSDB-X4536	CGSDB-X4537
VORTX Conductor Damper	VSD-4032	VSD-4040	VSD-4040	VSD-4040	VSD-4040	VSD-5040	VSD-5040	VSD-5040
Air Flow Spoiler	5058107	5058107	5058107	5058107	5058107	5058107	5058107	5058107
Air Flow Spoiler, EHV	5058202	5058202	5058202	5058202	5058202	5058202	5058202	5058202

kcmil	1431 45/7	1431 54/19	1510.5 45/7	1510.5 54/19	1590 45/7	1590 54/19	1780 84/19	2156 84/19
Code Word	Bobolink	Plover	Nuthatch	Parrot	Lapwing	Falcon	Chukar	Bluebird
diameter (in.)	1.427	1.465	1.466	1.506	1.504	1.545	1.602	1.762
<b>PRODUCT</b>								
CUSHION-GRIP Suspension	CGS-1117	CGS-1118	CGS-1118	CGS-1119	CGS-1119	CGS-1119	CGS-1121	CGS-1123
CUSHION-GRIP Support	CGS-2103	CGS-2103	CGS-2103	CGS-2103	CGS-2103	N/A	N/A	N/A
ARMOR-GRIP Suspension	AGS-5142	AGS-5143	AGS-5143	AGS-5144	AGS-5144	AGS-5145	AGS-5147	AGS-5152
ARMOR-GRIP Susp, EHV	AGS-5521	AGS-5522	AGS-5522	AGS-5523	AGS-5523	AGS-5524	AGS-5526	AGS-5531
ARMOR-GRIP Support	AGS-5242	AGS-5243	AGS-5243	AGS-5244	AGS-5244	AGS-5245	AGS-5247	AGS-5252
ARMOR Rod	AR-0147	AR-0163	AR-0163	AR-0163	AR-0163	AR-0164	AR-0165	AR-0167
ARMOR Rod, EHV	AR-0510	AR-0511	AR-0511	AR-0511	AR-0511	AR-0512	AR-0513	AR-0516
Conductor Splice	LS-0157	LS-0157	LS-0157	LS-0158	LS-0158	LS-0159	LS-0160	LSMS10726
Full Tension Splice	N/A	N/A	N/A	N/A	FTSMS2537	FTSMS4492	FTSMS7920	FTSMS12089
Helical Rod Spacer	SUMS-5285	SUMS-5285	SUMS-5285	SUMS-4397	SUMS-4397	SUMS-4397	SUMS-5056	SUMS-4656
CUSHION-GRIP Twin Spacer	CGTS-0120	CGTS-0121	CGTS-0121	CGTS-0122	CGTS-0122	CGTS-0123	CGTS-0124	CGTS-0128
Spacer Damper (Type "C")	CGSDC-X4537	CGSDC-X4538	CGSDC-X4538	CGSDC-X4539	CGSDC-X4539	CGSDC-X4540	CGSDC-X4541	CGSDC-X4545
Spacer Damper (Type "B")	CGSDB-X4537	CGSDB-X4538	CGSDB-X4538	CGSDB-X4539	CGSDB-X4539	CGSDB-X4540	CGSDB-X4541	CGSDB-X4545
VORTX Conductor Damper	VSD-5040	VSD-5040	VSD-5040	VSD-5040	VSD-5040	VSD-5040	VSD-5050	VSD-5050
Air Flow Spoiler	5058107	5058107	5058107	5058108	5058108	5058108	5058108	5085109
Air Flow Spoiler, EHV	5058202	5058202	5058202	5058203	5058203	5058203	5058203	5058204

kcmil	2167 72/7	2312 76/19						
Code Word	Kiwi	Thrasher						
diameter (in.)	1.737	1.802						
<b>PRODUCT</b>								
CUSHION-GRIP Suspension	CGS-1123	CGS-1124						
CUSHION-GRIP Support	N/A	N/A						
ARMOR-GRIP Suspension	AGS-5151	AGS-5153						
ARMOR-GRIP Susp, EHV	AGS-5530	AGS-5532						
ARMOR-GRIP Support	AGS-5251	AGS-5253						
ARMOR Rod	AR-0167	AR-0167						
ARMOR Rod, EHV	AR-0516	AR-0516						
Conductor Splice	N/A	N/A						
Full Tension Splice	N/A	N/A						
Helical Rod Spacer	SUMS-4656	SUMS-3807						
CUSHION-GRIP Twin Spacer	CGTS-0128	CGTS-0129						
Spacer Damper (Type "C")	CGSDC-X4545	CGSDC-X4546						
Spacer Damper (Type "B")	CGSDB-X4545	CGSDB-X4546						
VORTX Conductor Damper	VSD-5050	VSD-5050						
Air Flow Spoiler	5058109	N/A						
Air Flow Spoiler, EHV	5058209	N/A						



# Transmission: Product Selection Charts

Transmission Line Products for Popular ACSS & ACSS/AW Conductors								
kcmil		336.4 26/7		397.5 26/7		477 26/7	477 30/7	556.5 26/7
Code Word		Linnet		Ibis		Hawk	Hen	Dove
diameter (in)		0.720		0.783		0.858	0.883	0.927
PRODUCT	Max Temp							
CUSHION-GRIP Susp – HT	200C	CGS-1102HT		CGS-1103HT		CGS-1105HT	CGS-1105HT	CGS-1106HT
CUSHION-GRIP Support – HT	200C	CGS-2101HT		CGS-2101HT		CGS-2101HT	CGS-2101HT	CGS-2102HT
ARMOR-GRIP Suspension	200C	AGS-5112		AGS-5115		AGS-5118	AGS-5119	AGS-5122
ARMOR-GRIP Susp, EHV	200C	N/A		N/A		N/A	N/A	AGS-5501
ARMOR-GRIP Support	200C	AGS-5212		AGS-5215		AGS-5218	AGS-5219	AGS-5222
THERMOLIGN Suspension	250C	TLS-0096		TLS-0098		TLS-0101	TLS-0101	TLS-0103
THERMOLIGN Susp, EHV	250C	TLS-0096EHV		TLS-0098EHV		TLS0101EHV	TLS0101EHV	TLS0103EHV
ARMOR Rod	250C	AR-0130		AR-0132		AR-0134	AR-0134	AR-0135
THERMOLIGN Dead-End	250C	TLDE-0100		TLDE-0102		TLDE-0104	TLDE-0105	TLDE-0107
THERMOLIGN Splice	250C	TLSP-0100		TLSP-0102		TLSP-0104	TLSP-0105	TLSP-0107
VORTX Conductor Damper	250C	VSD-2032		VSD-2532		VSD-2532	VSD-3532	VSD-3540
Protector Rods	250C	PR-0146		PR-0148		PR-0150	PR-0150	PR-0151
CUSHION-GRIP Twin Spacer	200C	CGTS-0102HT		CGTS-0103HT		CGTS-0105HT	CGTS-0106HT	CGTS-0107HT

kcmil		556.5 30/7	605 26/7	636 26/7	666.6 26/7	715.5 26/7		795 45/7
Code Word		Eagle	Squab	Grosbeak	Gannet	Starling		Tern
diameter (in)		0.953	0.966	0.990	1.014	1.051		1.063
PRODUCT	Max Temp							
CUSHION-GRIP Susp – HT	200C	CGS-1107HT	CGS-1107HT	CGS-1108HT	CGS-1108HT	CGS-1109HT		CGS-1109HT
CUSHION-GRIP Support – HT	200C	CGS-2102HT	CGS-2102HT	CGS-2102HT	CGS-2102HT	CGS-2102HT		CGS-2102HT
ARMOR-GRIP Suspension	200C	AGS-5123	AGS-5124	AGS-5 125	AGS-5126	AGS-5128		AGS-5128
ARMOR-GRIP Susp, EHV	200C	AGS-5502	AGS-5503	AGS-5504	AGS-5505	AGS-5507		AGS-5507
ARMOR-GRIP Support	200C	AGS-5223	AGS-5224	AGS-5225	AGS-5226	AGS-5228		AGS-5228
THERMOLIGN Suspension	250C	TLS-0104	TLS-0104	TLS-0105	TLS-0105	TLS-0106		TLS-0107
THERMOLIGN Susp, EHV	250C	TLS0104EHV	TLS0104EHV	TLS0105EHV	TLS0105EHV	TLS0106EHV		TLS0107EHV
ARMOR Rod	250C	AR-0136	AR-0136	AR-0137	AR-0137	AR-0139		AR-0139
ARMOR Rod, EHV	250C	N/A	N/A	AR-0500	AR-0500	AR-0502		AR-0502
THERMOLIGN Dead-End	250C	TLDE-0108	TLDE-0109	TLDE-0110	TLDE-0111	TLDE-0112		TLDE-0112
THERMOLIGN Splice	250C	TLSP-0108	TLSP-0109	TLSP-0110	TLSP-0111	TLSP-0112		TLSP-0112
VORTX Conductor Damper	250C	VSD-3540	VSD-3540	VSD-4040	VSD-4040	VSD-4040		VSD-4040
Protector Rods	250C	PR-0151	PR-0152	PR-0152	PR-0152	PR-0154		PR-0154
CUSHION-GRIP Twin Spacer	200C	CGTS-0108HT	CGTS-0108HT	CGTS-0109HT	CGTS-0109HT	CGTS-0110HT		CGTS-0110HT

kcmil		795 54/7	795 26/7	954 45/7	954 54/7	1033.5 45/7	1033.5 54/7	1113 45/7
Code Word		Condor	Drake	Rail	Cardinal	Ortolan	Curlew	Bluejay
diameter (in)		1.093	1.108	1.165	1.196	1.212	1.244	1.259
PRODUCT	Max Temp							
CUSHION-GRIP Susp – HT	200C	CGS-1110HT	CGS-1110HT	CGS-1112HT	CGS-1112HT	CGS-1113HT	CGS-1114HT	CGS-1114HT
CUSHION-GRIP Support – HT	200C	CGS-2102HT	CGS-2102HT	CGS-2102HT	CGS-2102HT	CGS-2103HT	CGS-2103HT	CGS-2102HT
ARMOR-GRIP Suspension	200C	AGS-5130	AGS-5130	AGS-5133	AGS-5134	AGS-5135	AGS-5136	AGS-5136
ARMOR-GRIP Susp, EHV	200C	AGS-5509	AGS-5509	AGS-5512	AGS-5513	AGS-5514	AGS-5515	AGS-5515
ARMOR-GRIP Support	200C	AGS-5230	AGS-5230	AGS-5233	AGS-5234	AGS-5235	AGS-5236	AGS-5236
THERMOLIGN Suspension	250C	TLS-0108	TLS-0108	TLS-0110	TLS-0111	TLS-0112	TLS-0112	TLS-0112
THERMOLIGN Susp, EHV	250C	TLS0108EHV	TLS0108EHV	TLS0110EHV	TLS0111EHV	TLS0112EHV	TLS0112EHV	TLS0112EHV
ARMOR Rod	250C	AR-0140	AR-0141	AR-0143	AR-0143	AR-0144	AR-0144	AR-0144
ARMOR Rod, EHV	250C	AR-0503	AR-0504	AR-0506	AR-0506	AR-0507	AR-0507	AR-0507
THERMOLIGN Dead-End	250C	TLDE-0113	TLDE-0114	TLDE-0115	TLDE-0116	TLDE-0116	TLDE-0117	TLDE-0117
THERMOLIGN Splice	250C	TLSP-0113	TLSP-0114	TLSP-0115	TLSP-0116	TLSP-0116	TLSP-0117	TLSP-0117
VORTX Conductor Damper	250C	VSD-4040	VSD-4050	VSD-4050	VSD-4050	VSD-4050	VSD-4050	VSD-4050
Protector Rods	250C	PR-0155	PR-0156	PR-0156	PR-0158	PR-0158	PR-0158	PR-0158
CUSHION-GRIP Twin Spacer	200C	CGTS-0111HT	CGTS-0112HT	CGTS-0113HT	CGTS-0114HT	CGTS-0114HT	CGTS-0115HT	CGTS-0115HT

Note: Protector Rods are required when dampers are placed directly on the conductor.

# Transmission: Product Selection Charts

Transmission Line Products for Popular ACSS & ACSS/AW Conductors								
kcmil		1113 54/19	1192.5 45/7	1192.5 54/19	1272 45/7	1272 54/19	1351.5 45/7	1351.5 54/19
Code Word		Finch	Bunting	Grackle	Bittern	Pheasant	Dipper	Martin
diameter (in)		1.293	1.302	1.333	1.345	1.382	1.386	1.424
PRODUCT	Max Temp							
CUSHION-GRIP Susp – HT	200C	CGS-1114HT	CGS-1115HT	CGS-1115HT	CGS-1115HT	CGS-1116HT	CGS-1116HT	CGS-1117HT
CUSHION-GRIP Support – HT	200C	CGS-2103HT	CGS-2103HT	CGS-2103HT	CGS-2103HT	CGS-2103HT	CGS-2103HT	CGS-2103HT
Spacer Damper	200C	CGSDB-X4533	CGSDB-X4533	CGSDB-X4534	CGSDB-X4534	CGSDB-X4535	CGSDB-X4536	CGSDB-X4537
ARMOR-GRIP Suspension	200C	AGS-5138	AGS-5138	AGS-5139	AGS-5139	AGS-5140	AGS-5140	AGS-5142
ARMOR-GRIP Susp, EHV	200C	AGS-5517	AGS-5517	AGS-5518	AGS-5518	AGS-5519	AGS-5519	AGS-5521
ARMOR-GRIP Support	200C	AGS-5238	AGS-5238	AGS-5239	AGS-5239	AGS-5240	AGS-5240	AGS-5242
THERMOLIGN Suspension	250C	TLS-0113	TLS-0113	TLS-0114	TLS-0115	TLS-0116	TLS-0116	TLS-0117
THERMOLIGN Susp, EHV	250C	TLS0113EHV	TLS0113EHV	TLS0114EHV	TLS0115EHV	TLS0116EHV	TLS0116EHV	TLS0117EHV
ARMOR Rod	250C	AR-0145	AR-0145	AR-0146	AR-0146	AR-0146	AR-0146	AR-0147
ARMOR Rod, EHV	250C	AR-0508	AR-0508	AR-0509	AR-0509	AR-0509	AR-0509	AR-0510
THERMOLIGN Dead-End	250C	TLDE-0118	TLDE-0118	TLDE-0119	TLDE-0119	TLDE-0120	TLDE-0120	TLDE-0121
THERMOLIGN Splice	250C	TLSP-0118	TLSP-0118	TLSP-0119	TLSP-0119	TLSP-0120	TLSP-0120	TLSP-0121
VORTX Conductor Damper	250C	VSD-4050	VSD-4050	VSD-4050	VSD-4050	VSD-5050	VSD-5050	VSD-4050
Protector Rods	250C	PR-0158	PR-0160	PR-0160	PR-0160	PR-0160	PR-0160	PR-0162
CUSHION-GRIP Twin Spacer	200C	CGTS-0116HT	CGTS-0116HT	CGTS-0117HT	CGTS-0117HT	CGTS-0118HT	CGTS-0119HT	CGTS-0120HT

kcmil		1431 45/7	1431 54/19	1510.5 45/7	1510.5 54/19	1590 45/7	1590 54/19	1780 84/19
Code Word		Bobolink	Plover	Nuthatch	Parrot	Lapwing	Falcon	Chukar
diameter (in)		1.427	1.465	1.466	1.506	1.504	1.545	1.602
PRODUCT	Max Temp							
CUSHION-GRIP Susp – HT	200C	CGS-1117HT	CGS-1118HT	CGS-1118HT	CGS-1119HT	CGS-1119HT	CGS-1119HT	CGS-1121HT
CUSHION-GRIP Support – HT	200C	CGS-2103HT	CGS-2103HT	CGS-2103HT	CGS-2103HT	CGS-2103HT	N/A	N/A
Spacer Damper	200C	CGSDB-X4537	CGSDB-X4538	CGSDB-X4538	CGSDB-X4539	CGSDB-X4539	CGSDB-X4540	CGSDB-X4541
ARMOR-GRIP Suspension	200C	AGS-5142	AGS-5143	AGS-5143	AGS-5144	AGS-5144	AGS-5145	AGS-5147
ARMOR-GRIP Susp, EHV	200C	AGS-5521	AGS-5522	AGS-5522	AGS-5523	AGS-5523	AGS-5524	AGS-5526
ARMOR-GRIP Support	200C	AGS-5242	AGS-5243	AGS-5243	AGS-5244	AGS-5244	AGS-5245	AGS-5247
THERMOLIGN Suspension	250C	TLS-0117	TLS-0118	TLS-0118	TLS-0119	TLS-0119	TLS-0120	N/A
THERMOLIGN Susp, EHV	250C	TLS0117EHV	TLS0118EHV	TLS0118EHV	TLS0119EHV	TLS0119EHV	TLS0120EHV	N/A
ARMOR Rod	250C	AR-0147	AR-0163	AR-0163	AR-0163	AR-0163	AR-0164	AR-0165
ARMOR Rod, EHV	250C	AR-0510	AR-0511	AR-0511	AR-0511	AR-0511	AR-0512	AR-0513
THERMOLIGN Dead-End	250C	TLDE-0121	TLDE-0122	TLDE-0122	TLDE-0123	TLDE-0123	TLDE-0124	N/A
THERMOLIGN Splice	250C	TLSP-0121	TLSP-0122	TLSP-0122	TLSP-0123	TLSP-0123	TLSP-0124	N/A
VORTX Conductor Damper	250C	VSD-5050	VSD-5050	VSD-5050	VSD-5061	VSD-5061	VSD-5061	VSD-5061
Protector Rods	250C	PR-0162	PR-0162	PR-0162	PR-0162	PR-0162	PR-0163	PR-0163
CUSHION-GRIP Twin Spacer	200C	CGTS-0120HT	CGTS-0121HT	CGTS-0121HT	CGTS-0122HT	CGTS-0122HT	CGTS-0123HT	CGTS-0124HT

kcmil		2156 84/19	2167 72/7	2312 76/19
Code Word		Bluebird	Kiwi	Thrasher
diameter (in)		1.762	1.737	1.802
PRODUCT	Max Temp			
CUSHION-GRIP Susp – HT	200C	CGS-1123HT	CGS-1123HT	CGS-1124HT
ARMOR-GRIP Suspension	200C	AGS-5152	AGS-5151	AGS-5153
ARMOR-GRIP Susp, EHV	200C	AGS-5531	AGS-5530	AGS-5532
ARMOR-GRIP Support	200C	AGS-5252	AGS-5251	AGS-5253
THERMOLIGN Suspension	250C	N/A	N/A	N/A
THERMOLIGN Susp, EHV	250C	N/A	N/A	N/A
ARMOR Rod	250C	AR-0167	AR-0167	AR-0167
ARMOR Rod, EHV	250C	AR-0516	AR-0516	AR-0516
THERMOLIGN Dead-End	250C	N/A	N/A	N/A
THERMOLIGN Splice	250C	N/A	N/A	N/A
VORTX Conductor Damper	250C	VSD-5061	VSD-5061	VSD-5061
Protector Rods	250C	PR-0164	PR-0164	PR-0164
CUSHION-GRIP Twin Spacer	200C	CGTS-0128HT	CGTS-0128HT	CGTS-0129HT
Spacer Damper	200C	CGSDB-X4545	CGSDB-X4545	CGSDB-X4546

Note: Protector Rods are required when dampers are placed directly on the conductor.



# Transmission: Product Selection Charts

Transmission Line Products for Popular ACSS/TW Conductors								
kcmil		336.4 16/7	477 18/7	477 18/7	477 16/7	556.5 18/7	571.7 18/7	556.5 20/7
Code Word		Oriole	Flicker	Hawk	Hen	Parakeet	Mohawk	Dove
diameter (in)		0.693	0.776	0.789	0.825	0.835	0.846	0.852
<b>PRODUCT</b>	<b>Max Temp</b>							
CUSHION-GRIP Susp – HT	200C	CGS-1101HT	CGS-1103HT	CGS-1103HT	CGS-1104HT	CGS-1104HT	CGS-1105HT	CGS-1105HT
CUSHION-GRIP Support – HT	200C	CGS-2101HT	CGS-2101HT	CGS-2101HT	CGS-2101HT	CGS-2101HT	CGS-2101HT	CGS-2101HT
ARMOR-GRIP Suspension	200C	AGS-5111	AGS-5115	AGS-5115	AGS-5117	AGS-5117	AGS-5118	AGS-5118
ARMOR-GRIP Support	200C	AGS-5211	AGS-5215	AGS-5215	AGS-5217	AGS-5217	AGS-5218	AGS-5218
THERMOLIGN Suspension	250C	TLS-0095	TLS-0098	TLS-0099	TLS-0100	TLS-0100	TLS-0100	TLS-0100
THERMOLIGN Susp, EHV	250C	TLS-0095EHV	TLS-0098EHV	TLS-0099EHV	TLS0100EHV	TLS0100EHV	TLS0100EHV	TLS0100EHV
ARMOR Rod	250C	AR-0129	AR-0131	AR-0132	AR-0133	AR-0133	AR-0134	AR-0134
VORTX Conductor Damper	250C	VSD-2032	VSD-2532	VSD-2532	VSD-2532	VSD-2532	VSD-2532	VSD-2532
Protector Rods	250C	PR-0146	PR-0148	PR-0148	PR-0150	PR-0150	PR-0150	PR-0150
CUSHION-GRIP Twin Spacer	200C	CGTS-0101HT	CGTS-0103HT	CGTS-0103HT	CGTS-0104HT	CGTS-0105HT	CGTS-0105HT	CGTS-0105HT
CUSHION-GRIP Spacer Damper – HT	200C	CGSDB-X4518HT	CGSDB-X4520HT	CGSDB-X4520HT	CGSDB-X4521HT	CGSDB-X4522HT	CGSDB-X4522HT	CGSDB-X4522HT

kcmil		565.3 18/7	636 18/7	636 20/7	664.8 20/7	636 18/7	795 17/7	768.2 20/7
Code Word		Calumet	Rook	Grosbeak	Oswego	Scoter	Tern	Maumee
diameter (in)		0.858	0.890	0.908	0.927	0.953	0.960	0.977
<b>PRODUCT</b>	<b>Max Temp</b>							
CUSHION-GRIP Susp – HT	200C	CGS-1105HT	CGS-1106HT	CGS-1106HT	CGS-1106HT	CGS-1107HT	CGS-1107HT	CGS-1107HT
CUSHION-GRIP Support – HT	200C	CGS-2101HT	CGS-2102HT	CGS-2102HT	CGS-2102HT	CGS-2102HT	CGS-2102HT	CGS-2102HT
ARMOR-GRIP Suspension	200C	AGS-5118	AGS-5119	AGS-5121	AGS-5122	AGS-5123	AGS-5123	AGS-5124
ARMOR-GRIP Susp, EHV	200C	N/A	N/A	AGS-5500	AGS-5501	AGS-5502	AGS-5502	AGS-5503
ARMOR-GRIP Support	200C	AGS-5218	AGS-5219	AGS-5221	AGS-5222	AGS-5223	AGS-5223	AGS-5224
THERMOLIGN Suspension	250C	TLS-0101	TLS-0101	TLS-0102	TLS-0103	TLS-0104	TLS-0104	TLS-0104
THERMOLIGN Susp, EHV	250C	TLS0101EHV	TLS0101EHV	TLS0102EHV	TLS0103EHV	TLS0104EHV	TLS0104EHV	TLS0104EHV
ARMOR Rod	250C	AR-0134	AR-0134	AR-0135	AR-0135	AR-0136	AR-0136	AR-0137
ARMOR Rod, EHV	250C	N/A	N/A	N/A	N/A	N/A	N/A	AR-0500
VORTX Conductor Damper	250C	VSD-3532	VSD-3532	VSD-3532	VSD-3532	VSD-3540	VSD-3540	VSD-3540
Protector Rods	250C	PR-0150	PR-0150	PR-0151	PR-0151	PR-0151	PR-0152	PR-0152
CUSHION-GRIP Twin Spacer	200C	CGTS-0105HT	CGTS-0106HT	CGTS-0106HT	CGTS-0107HT	CGTS-0108HT	CGTS-0108HT	CGTS-0108HT
CUSHION-GRIP Spacer Damper – HT	200C	CGSDB-X4522HT	CGSDB-X4523HT	CGSDB-X4523HT	CGSDB-X4524HT	CGSDB-X4525HT	CGSDB-X4525HT	CGSDB-X4525HT

kcmil		795 18/7	762.8 20/7	795 20/7	795 20/7	954 30/7	957.2 32/7	954 32/7
Code Word		Puffin	Wabash	Condor	Drake	Phoenix	Kettle	Rail
diameter (in)		0.980	0.990	0.993	1.010	1.044	1.060	1.061
<b>PRODUCT</b>	<b>Max Temp</b>							
CUSHION-GRIP Susp – HT	200C	CGS-1107HT	CGS-1108HT	CGS-1108HT	CGS-1108HT	CGS-1109HT	CGS-1109HT	CGS-1109HT
CUSHION-GRIP Support – HT	200C	CGS-2102HT	CGS-2102HT	CGS-2102HT	CGS-2102HT	CGS-2102HT	CGS-2102HT	CGS-2102HT
ARMOR-GRIP Suspension	200C	AGS-5124	AGS-5125	AGS-5125	AGS-5126	AGS-5128	AGS-5128	AGS-5128
ARMOR-GRIP Susp, EHV	200C	AGS-5503	AGS-5504	AGS-5504	AGS-5505	AGS-5507	AGS-5507	AGS-5507
ARMOR-GRIP Support	200C	AGS-5224	AGS-5225	AGS-5225	AGS-5226	AGS-5228	AGS-5228	AGS-5228
THERMOLIGN Suspension	250C	TLS-0105	TLS-0105	TLS-0105	TLS-0105	TLS-0106	TLS-0107	TLS-0107
THERMOLIGN Susp, EHV	250C	TLS0105EHV	TLS0105EHV	TLS0105EHV	TLS0105EHV	TLS0106EHV	TLS0107EHV	TLS0107EHV
ARMOR Rod	250C	AR-0137	AR-0137	AR-0137	AR-0137	AR-0139	AR-0139	AR-0139
ARMOR Rod, EHV	250C	AR-0500	AR-0500	AR-0500	AR-0500	AR-0502	AR-0502	AR-0502
VORTX Conductor Damper	250C	VSD-3540	VSD-4040	VSD-4040	VSD-4040	VSD-4040	VSD-4040	VSD-4040
Protector Rods	250C	PR-0152	PR-0152	PR-0152	PR-0152	PR-0154	PR-0154	PR-0154
CUSHION-GRIP Twin Spacer	200C	CGTS-0108HT	CGTS-0109HT	CGTS-0109HT	CGTS-0109HT	CGTS-0110HT	CGTS-0110HT	CGTS-0110HT
CUSHION-GRIP Spacer Damper – HT	200C	CGSDB-X4525HT	CGSDB-X4526HT	CGSDB-X4526HT	CGSDB-X4526HT	CGSDB-X4527HT	CGSDB-X4527HT	CGSDB-X4527HT

kcmil		946.7 35/7		954 20/7	1033.5 30/7	966.2 21/7	1033.5 32/7	959.6 22/7
Code Word		Fraser		Cardinal	Snowbird	Columbia	Ortolan	Suwannee
diameter (in)		1.077		1.084	1.089	1.092	1.102	1.108
<b>PRODUCT</b>	<b>Max Temp</b>							
CUSHION-GRIP Susp – HT	200C	CGS-1110HT		CGS-1110HT	CGS-1110HT	CGS-1110HT	CGS-1110HT	CGS-1110HT
CUSHION-GRIP Support – HT	200C	CGS-2102HT		CGS-2102HT	CGS-2102HT	CGS-2102HT	CGS-2102HT	CGS-2102HT
ARMOR-GRIP Suspension	200C	AGS-5129		AGS-5129	AGS-5129	AGS-5130	AGS-5130	AGS-5130
ARMOR-GRIP Susp, EHV	200C	AGS-5508		AGS-5508	AGS-5508	AGS-5509	AGS-5509	AGS-5509
ARMOR-GRIP Support	200C	AGS-5229		AGS-5229	AGS-5229	AGS-5230	AGS-5230	AGS-5230
THERMOLIGN Suspension	250C	TLS-0107		TLS-0108	TLS-0108	TLS-0108	TLS-0108	TLS-0108
THERMOLIGN Susp, EHV	250C	TLS0107EHV		TLS0108EHV	TLS0108EHV	TLS0108EHV	TLS0108EHV	TLS0108EHV
ARMOR Rod	250C	AR-0140		AR-0140	AR-0140	AR-0140	AR-0141	AR-0141
ARMOR Rod, EHV	250C	AR-0503		AR-0503	AR-0503	AR-0503	AR-0504	AR-0504
VORTX Conductor Damper	250C	VSD-4040		VSD-4040	VSD-4040	VSD-4040	VSD-4050	VSD-4050
Protector Rods	250C	PR-0155		PR-0155	PR-0155	PR-0155	PR-0156	PR-0156
CUSHION-GRIP Twin Spacer	200C	CGTS-0111HT		CGTS-0111HT	CGTS-0111HT	CGTS-0111HT	CGTS-0111HT	CGTS-0112HT
CUSHION-GRIP Spacer Damper – HT	200C	CGSDB-X4528HT		CGSDB-X4528HT	CGSDB-X4528HT	CGSDB-X4528HT	CGSDB-X4528HT	CGSDB-X4528HT

# Transmission: Product Selection Charts

Transmission Line Products for Popular ACSS/TW Conductors							
kmil		1033.5 20/7	1113 33/7	1168.1 30/7	1158 33/7	1192.5 30/7	1192.5 33/7
Code Word		Curlew	Bluejay	Cheyenne	Genessee	Oxbird	Bunting
diameter (in)		1.129	1.143	1.155	1.165	1.167	1.181
PRODUCT	Max Temp						
CUSHION-GRIP Susp – HT	200C	CGS-1111HT	CGS-1111HT	CGS-1111HT	CGS-1112HT	CGS-1112HT	CGS-1112HT
CUSHION-GRIP Support – HT	200C	CGS-2102HT	CGS-2102HT	CGS-2102HT	CGS-2102HT	CGS-2102HT	CGS-2102HT
ARMOR-GRIP Suspension	200C	AGS-5131	AGS-5132	AGS-5133	AGS-5133	AGS-5133	AGS-5134
ARMOR-GRIP Susp, EHV	200C	AGS-05510	AGS-05511	AGS-05512	AGS-05512	AGS-05512	AGS-05513
ARMOR-GRIP Support	200C	AGS-5231	AGS-5232	AGS-5233	AGS-5233	AGS-5233	AGS-5234
THERMOLIGN Suspension	250C	TLS-0109	TLS-0109	TLS-0110	TLS-0110	TLS-0110	TLS-0110
THERMOLIGN Susp, EHV	250C	TLS0109EHV	TLS0109EHV	TLS0110EHV	TLS0110EHV	TLS0110EHV	TLS0110EHV
ARMOR Rod	250C	AR-0141	AR-0142	AR-0142	AR-0143	AR-0143	AR-0143
ARMOR Rod, EHV	250C	AR-0504	AR-0505	AR-0505	AR-0506	AR-0506	AR-0506
VORTX Conductor Damper	250C	VSD-4050	VSD-4050	VSD-4050	VSD-4050	VSD-4050	VSD-4050
Protector Rods	250C	PR-0156	PR-0156	PR-0156	PR-0156	PR-0156	PR-0156
CUSHION-GRIP Twin Spacer	200C	CGTS-0112HT	CGTS-0112HT	CGTS-0113HT	CGTS-0113HT	CGTS-0113HT	CGTS-0113HT
CUSHION-GRIP Spacer Damper – HT	200C	CGSD-X4529	CGSD-X4529	CGSD-X4530	CGSD-X4530	CGSD-X4530	CGSD-X4530

kmil		1113 38/19	1272 30/7	1257.1 35/7	1272 35/7	1192.5 38/19	1233.6 38/19	1372.5 30/7
Code Word		Finch	Scissortail	Nelson	Bittern	Grackle	Yukon	Truckee
diameter (in)		1.185	1.203	1.213	1.220	1.225	1.245	1.248
PRODUCT	Max Temp							
CUSHION-GRIP Susp – HT	200C	CGS-1112HT	CGS-1113HT	CGS-1113HT	CGS-1113HT	CGS-1113HT	CGS-1114HT	CGS-1114HT
CUSHION-GRIP Support – HT	200C	CGS-2102HT	CGS-2103HT	CGS-2103HT	CGS-2103HT	CGS-2103HT	CGS-2103HT	CGS-2103HT
ARMOR-GRIP Suspension	200C	AGS-5134	AGS-5134	AGS-5135	AGS-5135	AGS-5135	AGS-5136	AGS-5136
ARMOR-GRIP Susp, EHV	200C	AGS-05513	AGS-05513	AGS-05514	AGS-05514	AGS-05514	AGS-05515	AGS-05515
ARMOR-GRIP Support	200C	AGS-5234	AGS-5234	AGS-5235	AGS-5235	AGS-5235	AGS-5236	AGS-5236
THERMOLIGN Suspension	250C	TLS-0110	TLS-0111	TLS-0112	TLS-0112	TLS-0112	TLS-0112	TLS-0112
THERMOLIGN Susp, EHV	250C	TLS0110EHV	TLS0111EHV	TLS0112EHV	TLS0112EHV	TLS0112EHV	TLS0112EHV	TLS0112EHV
ARMOR Rod	250C	AR-0143	AR-0143	AR-0144	AR-0144	AR-0144	AR-0144	AR-0144
ARMOR Rod, EHV	250C	AR-0506	AR-0506	AR-0507	AR-0507	AR-0507	AR-0507	AR-0507
VORTX Conductor Damper	250C	VSD-4050	VSD-4050	VSD-4050	VSD-4050	VSD-4050	VSD-4050	VSD-4050
Protector Rods	250C	PR-0158	PR-0158	PR-0158	PR-0158	PR-0158	PR-0158	PR-0158
CUSHION-GRIP Twin Spacer	200C	CGTS-0113HT	CGTS-0114HT	CGTS-0114HT	CGTS-0114HT	CGTS-0115HT	CGTS-0115HT	CGTS-0115HT
CUSHION-GRIP Spacer Damper – HT	200C	CGSDB-X4530	CGSDB-X4531	CGSDB-X4531	CGSDB-X4531	CGSDB-X4532	CGSDB-X4532	CGSDB-X4532

kmil		1351.5 35/7	1359.7 36/7	1272 39/19	1334.6 39/19	1431 36/7	1467.8 33/7	1351.5 39/19
Code Word		Dipper	Mackenzie	Pheasant	Thames	Bobolink	St Croix	Martin
diameter (in)		1.256	1.259	1.264	1.290	1.291	1.292	1.300
PRODUCT	Max Temp							
CUSHION-GRIP Susp – HT	200C	CGS-0114HT	CGS-0114HT	CGS-0114HT	CGS-0114HT	CGS-0114HT	CGS-0114HT	CGS-0115HT
CUSHION-GRIP Support – HT	200C	CGS-2103HT	CGS-2103HT	CGS-2103HT	CGS-2103HT	CGS-2103HT	CGS-2103HT	CGS-2103HT
ARMOR-GRIP Suspension	200C	AGS-5136	AGS-5136	AGS-5137	AGS-5138	AGS-5138	AGS-5138	AGS-5138
ARMOR-GRIP Susp, EHV	200C	AGS-5515	AGS-5515	AGS-5516	AGS-5517	AGS-5517	AGS-5517	AGS-5517
ARMOR-GRIP Support	200C	AGS-5236	AGS-5236	AGS-5237	AGS-5238	AGS-5238	AGS-5238	AGS-5238
THERMOLIGN Suspension	250C	TLS-0112	TLS-0112	TLS-0113	TLS-0113	TLS-0113	TLS-0113	TLS-0113
THERMOLIGN Susp, EHV	250C	TLS0112EHV	TLS0112EHV	TLS0113EHV	TLS0113EHV	TLS0113EHV	TLS0113EHV	TLS0113EHV
ARMOR Rod	250C	AR-0144	AR-0144	AR-0144	AR-0145	AR-0145	AR-0145	AR-0145
ARMOR Rod, EHV	250C	AR-0507	AR-0507	AR-0507	AR-0508	AR-0508	AR-0508	AR-0508
VORTX Conductor Damper	250C	VSD-4050	VSD-4050	VSD-4050	VSD-4050	VSD-4050	VSD-4050	VSD-4050
Protector Rods	250C	PR-0158	PR-0158	PR-0158	PR-0158	PR-0158	PR-0158	PR-0160
CUSHION-GRIP Twin Spacer	200C	CGTS-0115HT	CGTS-0115HT	CGTS-0115HT	CGTS-0116HT	CGTS-0116HT	CGTS-0116HT	CGTS-0116HT
CUSHION-GRIP Spacer Damper – HT	200C	CGSDB-X4532	CGSDB-X4532	CGSDB-X4532	CGSDB-X4533	CGSDB-X4533	CGSDB-X4533	CGSDB-X4533

kmil		1455.3 36/7	1569 33/7	1431 39/19	1433.6 39/19	1577.4 36/7	1590 36/7	1533.3 39/19
Code Word		Miramichi	Platte	Plover	Merrimack	Potomac	Lapwing	Rio Grande
diameter (in)		1.302	1.334	1.337	1.340	1.345	1.358	1.382
PRODUCT	Max Temp							
CUSHION-GRIP Susp – HT	200C	CGS-0115HT	CGS-0115HT	CGS-0115HT	CGS-0115HT	CGS-0115HT	CGS-0116HT	CGS-0116HT
CUSHION-GRIP Support – HT	200C	CGS-2103HT	CGS-2103HT	CGS-2103HT	CGS-2103HT	CGS-2103HT	CGS-2103HT	CGS-2103HT
ARMOR-GRIP Suspension	200C	AGS-5138	AGS-5139	AGS-5139	AGS-5139	AGS-5139	AGS-5140	AGS-5140
ARMOR-GRIP Susp, EHV	200C	AGS-5517	AGS-5518	AGS-5518	AGS-5518	AGS-5518	AGS-5519	AGS-5519
ARMOR-GRIP Support	200C	AGS-5238	AGS-5239	AGS-5239	AGS-5239	AGS-5239	AGS-5240	AGS-5240
THERMOLIGN Suspension	250C	TLS-0113	TLS-0114	TLS-0114	TLS-0115	TLS-0115	TLS-0115	TLS-0116
THERMOLIGN Susp, EHV	250C	TLS0113EHV	TLS0114EHV	TLS0114EHV	TLS0115EHV	TLS0115EHV	TLS0115EHV	TLS0116EHV
ARMOR Rod	250C	AR-0145	AR-0146	AR-0146	AR-0146	AR-0146	AR-0146	AR-0146
ARMOR Rod, EHV	250C	AR-0508	AR-0509	AR-0509	AR-0509	AR-0509	AR-0509	AR-0509
VORTX Conductor Damper	250C	VSD-4050	VSD-4050	VSD-5050	VSD-5050	VSD-5050	VSD-5050	VSD-5050
Protector Rods	250C	PR-0160	PR-0160	PR-0160	PR-0160	PR-0160	PR-0160	PR-0160
CUSHION-GRIP Twin Spacer	200C	CGTS-0116HT	CGTS-0117HT	CGTS-0117HT	CGTS-0117HT	CGTS-0117HT	CGTS-0118HT	CGTS-0118HT
CUSHION-GRIP Spacer Damper – HT	200C	CGSDB-X4533	CGSDB-X4534	CGSDB-X4534	CGSDB-X4534	CGSDB-X4534	CGSDB-X4535	CGSDB-X4535



# Transmission: Product Selection Charts

Transmission Line Products for Popular ACSS/TW Conductors								
kcmil		1657.4 36/7	1590 42/19	1622 39/19	1758.6 37/7	1730 37/19	1730 39/19	1949.6 42/7
Code Word		Schuylikil	Falcon	Pecos	Pee Dee	Chukar	James	Athabaska
diameter (in)		1.386	1.408	1.424	1.427	1.445	1.470	1.504
PRODUCT	Max Temp							
CUSHION-GRIP Susp – HT	200C	CGS-1116HT	CGS-1117HT	CGS-1117HT	CGS-1117HT	CGS-1117HT	CGS-1118HT	CGS-1119HT
CUSHION-GRIP Support – HT	200C	CGS-2103HT	CGS-2103HT	CGS-2103HT	CGS-2103HT	CGS-2103HT	CGS-2103HT	CGS-2103HT
ARMOR-GRIP Suspension	200C	AGS-5140	AGS-5141	AGS-5142	AGS-5142	AGS-5143	AGS-5143	AGS-5144
ARMOR-GRIP Susp, EHV	200C	AGS-5519	AGS-5520	AGS-5521	AGS-5521	AGS-5522	AGS-5522	AGS-5523
ARMOR-GRIP Support	200C	AGS-5240	AGS-5241	AGS-5242	AGS-5242	AGS-5243	AGS-5243	AGS-5244
THERMOLIGN Suspension	250C	TLS-0116	TLS-0116	TLS-0117	TLS-0117	TLS-0117	TLS-0118	TLS-0119
THERMOLIGN Susp, EHV	250C	TLS0116EHV	TLS0116EHV	TLS0117EHV	TLS0117EHV	TLS0117EHV	TLS0118EHV	TLS0119EHV
ARMOR Rod	250C	AR-0146	AR-0147	AR-0147	AR-0147	AR-0163	AR-0163	AR-0163
ARMOR Rod, EHV	250C	AR-0509	AR-0510	AR-0510	AR-0510	AR-0511	AR-0511	AR-0511
VORTX Conductor Damper	250C	VSD-5050	VSD-5050	VSD-5050	VSD-5050	VSD-5050	VSD-5050	VSD-5061
Protector Rods	250C	PR-0160	PR-0160	PR-0162	PR-0162	PR-0162	PR-0162	PR-0162
CUSHION-GRIP Twin Spacer	200C	CGTS-0119HT	CGTS-0119HT	CGTS-0120HT	CGTS-0120HT	CGTS-0120HT	CGTS-0121HT	CGTS-0122HT
CUSHION-GRIP Spacer Damper – HT	200C	CGSDB-X4536	CGSDB-X4536	CGSDB-X4537	CGSDB-X4537	CGSDB-X4537	CGSDB-X4538	CGSDB-X4540

kcmil		1926.9 42/19	2153.8 64/19	2156 64/19	2627.3 64/19
Code Word		Cumberland	Powder	Bluebird	Santee
diameter (in)		1.545	1.602	1.608	1.762
PRODUCT	Max Temp				
CUSHION-GRIP Susp – HT	200C	CGS-1119HT	CGS-1121HT	CGS-1121HT	CGS-1123HT
CUSHION-GRIP Support – HT	200C	N/A	N/A	N/A	N/A
ARMOR-GRIP Suspension	200C	AGS-5145	AGS-5147	AGS-5147	AGS-5152
ARMOR-GRIP Susp, EHV	200C	AGS-5524	AGS-5526	AGS-5526	AGS-5531
ARMOR-GRIP Support	200C	AGS-5245	AGS-5247	AGS-5247	AGS-5252
THERMOLIGN Suspension	250C	TLS-0120	N/A	N/A	N/A
THERMOLIGN Susp, EHV	250C	TLS0120EHV	N/A	N/A	N/A
ARMOR Rod	250C	AR-0164	AR-0165	AR-0165	AR-0167
ARMOR Rod, EHV	250C	AR-0512	AR-0513	AR-0513	AR-0516
VORTX Conductor Damper	250C	VSD-5061	VSD-5061	VSD-5061	VSD-5061
Protector Rods	250C	PR-0163	PR-0163	PR-0163	PR-0164
CUSHION-GRIP Twin Spacer	200C	CGTS-0123HT	CGTS-0124HT	CGTS-0124HT	CGTS-0128HT
CUSHION-GRIP Spacer Damper – HT	200C	CGSDB-X4540	CGSDB-X4541	CGSDB-X4541	CGSDB-X4545

# Transmission: Product Selection Charts

Transmission Line Products for Popular All Aluminum (AAC) Conductors								
kcmil	4/0 7str	266.8 7str	266.8 19str	336.4 19str	350 19str	397.5 19str	450 19str	477 19str
Code Word	Oxlip	Daisy	Laurel	Tulip	Daffodil	Canna	Goldentuft	Cosmos
diameter (in.)	0.522	0.586	0.593	0.666	0.679	0.724	0.770	0.793
<b>Product</b>								
CUSHION-GRIP Suspension	N/A	N/A	N/A	CGS-1101	CGS-1101	CGS-1102	CGS-1103	CGS-1103
CUSHION-GRIP Support	CGS-2100	CGS-2101	CGS-2101	CGS-2101	CGS-2101	CGS-2101	CGS-2101	CGS-2101
ARMOR-GRIP Suspension	AGS-5101	AGS-5105	AGS-5105	AGS-5109	AGS-5110	AGS-5112	AGS-5115	AGS-5115
ARMOR-GRIP Support	AGS-5201	AGS-5205	AGS-5205	AGS-5209	AGS-5210	AGS-5212	AGS-5215	AGS-5215
ARMOR Rod	AR-0123	AR-0125	AR-0125	AR-0128	AR-0128	AR-0130	AR-0131	AR-0132
Conductor Splice	LS-0133	LS-0135	LS-0135	LS-0138	LS-0139	LS-0140	LS-0142	LS-0143
Helical Rod Spacer	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
CUSHION-GRIP Twin Spacer	N/A	N/A	N/A	N/A	CGTS-0101	CGTS-0102	CGTS-0103	CGTS-0104
Spacer Damper (Type "C")	N/A	N/A	N/A	N/A	CGSDC-X4518	CGSDC-X4519	CGSDC-X4520	CGSDC-X4521
Spacer Damper (Type "B")	N/A	N/A	N/A	N/A	CGSDB-X4518	CGSDB-X4519	CGSDB-X4520	CGSDB-X4521
VORTX Conductor Damper	VSD-2016	VSD-2016	VSD-2016	VSD-2020	VSD-2020	VSD-2520	VSD-2520	VSD-2525
Spiral Vibration Damper	5050105	5050106	5050106	5050106	5050106	5050106	N/A	N/A
Air Flow Spoiler	5058102	5058103	5058103	5058103	5058103	5058103	5058104	5085104

kcmil	477 37str	556.5 19str	556.5 37str	600 37str	636 37str	650 37str	700 37str	715.5 37str
Code Word	Syringa	Dahlia	Mistletoe	Meadowsw	Orchid	Heuchera	Verbena	Violet
diameter (in.)	0.795	0.856	0.858	0.891	0.918	0.928	0.963	0.974
<b>Product</b>								
CUSHION-GRIP Suspension	CGS-1103	CGS-1105	CGS-1105	CGS-1106	CGS-1106	CGS-1106	CGS-1107	CGS-1107
CUSHION-GRIP Support	CGS-2101	CGS-2101	CGS-2101	CGS-2102	CGS-2102	CGS-2102	CGS-2102	CGS-2102
ARMOR-GRIP Suspension	AGS-5115	AGS-5118	AGS-5118	AGS-5119	AGS-5121	AGS-5122	AGS-5124	AGS-5124
ARMOR-GRIP Susp, EHV	N/A	N/A	N/A	N/A	AGS-5500	AGS-5501	AGS-5503	AGS-5503
ARMOR-GRIP Support	AGS-5215	AGS-5218	AGS-5218	AGS-5219	AGS-5221	AGS-5222	AGS-5224	AGS-5224
ARMOR Rod	AR-0132	AR-0134	AR-0134	AR-0134	AR-0135	AR-0135	AR-0136	AR-0136
Conductor Splice	LS-0143	LS-0145	LS-0145	LS-0146	LS-0146	LS-0146	LS-0147	LS-0148
Helical Rod Spacer	N/A	SUMS-3352	SUMS-3352	SUMS-7425	SUMS-3540	SUMS-3540	SUMS-5423	SUMS-5423
CUSHION-GRIP Twin Spacer	CGTS-0104	CGTS-0105	CGTS-0105	CGTS-0106	CGTS-0107	CGTS-0107	CGTS-0108	CGTS-0108
Spacer Damper (Type "C")	CGSDC-X4521	CGSDC-X4522	CGSDC-X4522	CGSDC-X4523	CGSDC-X4524	CGSDC-X4524	CGSDC-X4525	CGSDC-X4525
Spacer Damper (Type "B")	CGSDB-X4521	CGSDB-X4522	CGSDB-X4522	CGSDB-X4523	CGSDB-X4524	CGSDB-X4524	CGSDB-X4525	CGSDB-X4525
VORTX Conductor Damper	VSD-2525	VSD-2525	VSD-2525	VSD-3525	VSD-3525	VSD-3525	VSD-3525	VSD-3525
Air Flow Spoiler	5058104	5058104	5058104	5058104	5058104	5058105	5058105	5058105
Air Flow Spoiler, EHV	N/A	N/A	N/A	N/A	N/A	5058200	5058200	5058200



# Transmission: Product Selection Charts

Transmission Line Products for Popular All Aluminum (AAC) Conductors								
kcmil	750 37str	750 61str	795 37str	795 61str	954 37str	954 61str	1033.5 37str	1033.5 61str
Code Word	Petunia	Cattail	Arbutus	Lilac	Magnolia	Goldenrod	Bluebell	Larkspur
diameter (in.)	0.997	0.998	1.026	1.028	1.124	1.126	1.170	1.172
<b>PRODUCT</b>								
CUSHION-GRIP Suspension	CGS-1108	CGS-1108	CGS-1108	CGS-1109	CGS-1111	CGS-1111	CGS-1112	CGS-1112
CUSHION-GRIP Support	CGS-2102	CGS-2102	CGS-2102	CGS-2102	CGS-2102	CGS-2102	CGS-2102	CGS-2102
ARMOR-GRIP Suspension	AGS-5125	AGS-5125	AGS-5127	AGS-5127	AGS-5131	AGS-5131	AGS-5133	AGS-5133
ARMOR-GRIP Susp, EHV	AGS-5504	AGS-5504	AGS-5506	AGS-5506	AGS-5510	AGS-5510	AGS-5512	AGS-5512
ARMOR-GRIP Support	AGS-5225	AGS-5225	AGS-5227	AGS-5227	AGS-5231	AGS-5231	AGS-5233	AGS-5233
ARMOR Rod	AR-0137	AR-0137	AR-0138	AR-0138	AR-0141	AR-0141	AR-0143	AR-0143
ARMOR Rod, EHV	AR-0500	AR-0500	AR-0501	AR-0501	AR-0504	AR-0504	AR-0506	AR-0506
Conductor Splice	LS-0148	LS-0148	LS-0149	LS-0149	LS-0151	LS-0151	LS-0152	LS-0152
Helical Rod Spacer	SUMS-7426	SUMS-7426	SUMS-7426	SUMS-7426	SUMS-1245	SUMS-1245	SUMS-3850	SUMS-3850
CUSHION-GRIP Twin Spacer	CGTS-0109	CGTS-0109	CGTS-0109	CGTS-0109	CGTS-0112	CGTS-0112	CGTS-0113	CGTS-0113
Spacer Damper (Type "C")	CGSDC-X4526	CGSDC-X4526	CGSDC-X4526	CGSDC-X4526	CGSDC-X4529	CGSDC-X4529	CGSDC-X4530	CGSDC-X4530
Spacer Damper (Type "B")	CGSDB-X4526	CGSDB-X4526	CGSDB-X4526	CGSDB-X4526	CGSDB-X4529	CGSDB-X4529	CGSDB-X4530	CGSDB-X4530
VORTX Conductor Damper	VSD-4032	VSD-4032	VSD-4032	VSD-4032	VSD-4032	VSD-4032	VSD-4032	VSD-4032
Air Flow Spoiler	5058105	5058105	5058106	5058106	5058106	5058106	5058107	5058107
Air Flow Spoiler, EHV	5058200	5058200	5058201	5058201	5058201	5058201	5058202	5058202

kcmil	1113 61str	1192.5 61str	1272 61str	1351.5 61str	1431 61str	1510.5 61str	1590 61str	1750 61str
Code Word	Marigold	Hawthorn	Narcissus	Columbine	Carnation	Gladiolus	Coreopsis	Jessamine
diameter (in.)	1.216	1.258	1.300	1.340	1.379	1.417	1.454	1.525
<b>PRODUCT</b>								
CUSHION-GRIP Suspension	CGS-1113	CGS-1114	CGS-1115	CGS-1115	CGS-1116	CGS-1117	CGS-1118	CGS-1119
CUSHION-GRIP Support	CGS-2103	CGS-2103	CGS-2103	CGS-2103	CGS-2103	CGS-2103	CGS-2103	N/A
ARMOR-GRIP Suspension	AGS-5135	AGS-5136	AGS-5138	AGS-5139	AGS-5140	AGS-5142	AGS-5143	AGS-5145
ARMOR-GRIP Susp, EHV	AGS-05514	AGS-05515	AGS-05517	AGS-05518	AGS-05519	AGS-05521	AGS-05522	AGS-05524
ARMOR-GRIP Support	AGS-5235	AGS-5236	AGS-5238	AGS-5239	AGS-5240	AGS-5242	AGS-5243	AGS-5245
ARMOR Rod	AR-0144	AR-0144	AR-0145	AR-0146	AR-0146	AR-0147	AR-0163	AR-0164
ARMOR Rod, EHV	AR-0507	AR-0507	AR-0508	AR-0509	AR-0509	AR-0510	AR-0511	AR-0512
Conductor Splice	LS-0153	LS-0154	LS-0155	LS-0155	LS-0156	LS-0157	LS-0157	LS-0158
Helical Rod Spacer	SUMS-6070	SUMS-5276	SUMS-5276	SUMS-5519	SUMS-7228	SUMS-7228	SUMS-5285	SUMS-4397
CUSHION-GRIP Twin Spacer	CGTS-0114	CGTS-0115	CGTS-0116	CGTS-0117	CGTS-0118	CGTS-0119	CGTS-0120	CGTS-0122
Spacer Damper (Type "C")	CGSDC-X4531	CGSDC-X4532	CGSDC-X4533	CGSDC-X4534	CGSDC-X4535	CGSDC-X4536	CGSDC-X4537	CGSDC-X4539
Spacer Damper (Type "B")	CGSDB-X4531	CGSDB-X4532	CGSDB-X4533	CGSDB-X4534	CGSDB-X4535	CGSDB-X4536	CGSDB-X4537	CGSDC-X4539
VORTX Conductor Damper	VSD-4032	VSD-4032	VSD-4040	VSD-4040	VSD-5040	VSD-5040	VSD-5040	VSD-5040
Air Flow Spoiler	5058107	5058107	5058107	5058107	5058107	5058107	5058107	5058108
Air Flow Spoiler, EHV	5058202	5058202	5058202	5058202	5058202	5058202	5058202	5058203

# Transmission: Product Selection Charts

Transmission Line Products for Popular Aluminum Alloy Conductors								
kcmil	246.9 7str	312.8 19str	394.5 19str	465.4 19str	559.5 19str	652.4 19str	740.8 37str	927.2 37str
Code Word	Alliance	Butte	Canton	Cairo	Darien	Elgin	Flint	Greeley
diameter (in.)	0.563	0.642	0.721	0.783	0.858	0.927	0.991	1.108
<b>PRODUCT</b>								
CUSHION-GRIP Suspension	N/A	CGS-1100	CGS-1102	CGS-1103	CGS-1105	CGS-1106	CGS-1108	CGS-1110
CUSHION-GRIP Support	CGS-2100	CGS-2101	CGS-2101	CGS-2101	CGS-2101	CGS-2102	CGS-2102	CGS-2102
ARMOR-GRIP Suspension	AGS-5104	AGS-5108	AGS-5112	AGS-5115	AGS-5118	AGS-5122	AGS-5125	AGS-5130
ARMOR-GRIP Susp, EHV	N/A	N/A	N/A	N/A	N/A	AGS-5501	AGS-5504	AGS-5509
ARMOR-GRIP Support	AGS-5204	AGS-5208	AGS-5212	AGS-5215	AGS-5218	AGS-5222	AGS-5225	AGS-5230
ARMOR Rod	AR-0124	AR-0127	AR-0130	AR-0132	AR-0134	AR-0135	AR-0137	AR-0141
ARMOR Rod, EHV	N/A	N/A	N/A	N/A	N/A	N/A	AR-0500	AR-0504
Conductor Splice	LS-0134	LS-0137	LS-0140	LS-0142	LS-0145	LS-0146	LS-0148	LS-0151
Helical Rod Spacer	N/A	N/A	N/A	N/A	SUMS-3352	SUMS-3540	SUMS-5423	SUMS-1245
CUSHION-GRIP Twin Spacer	N/A	N/A	CGTS-0102	CGTS-0103	CGTS-0105	CGTS-0107	CGTS-0109	CGTS-0112
Spacer Damper (Type "C")	N/A	N/A	CGSDC-X4519	CGSDC-X4520	CGSDC-X4522	CGSDC-X4524	CGSDC-X4526	CGSDC-X4529
Spacer Damper (Type "B")	N/A	N/A	CGSDB-X4519	CGSDB-X4520	CGSDB-X4522	CGSDB-X4524	CGSDB-X4526	CGSDB-X4529
VORTX Conductor Damper	VSD-2016	VSD-2020	VSD-2020	VSD-2520	VSD-2525	VSD-3525	VSD-4032	VSD-4032
Spiral Vibration Damper	5050105	5050106	5050106	N/A	N/A	N/A	N/A	N/A
Air Flow Spoiler	5058102	5058103	5058103	5058104	5058104	5058105	5058105	5058106

Transmission Products for HS & EHS Galvanized Strands				
Size	5/16"	3/8"	7/16"	1/2"
Diameter (in.)	0.312	0.36	0.435	0.495
<b>Product</b>				
ARMOR-GRIP Suspension	AGS-7100	AGS-7104	AGS-7109	AGS-7112
Armor Rod	AR-1128	AR-1130	AR-1133	AR-3139
Spiral Vibration Damper (SVD)	5050103	5050104	5050104	5050105
HI-MASS SVD	5050200	5050201	5050201	5050202
Stockbridge Damper	DB05-06	DB05-06	DB1-09	VSD-2016
Air Flow Spoiler	5058100	5058101	5058101	5058102

Transmission Products for Aluminum-Clad Steel Strands						
Size	7#11	7#10	7#9	7#8	7#7	7#6
Diameter (in.)	0.272	0.306	0.343	0.385	0.433	0.486
<b>Product</b>						
ARMOR-GRIP Suspension	AGS-8097	AGS-8100	AGS-8103	AGS-8105	AGS-8108	AGS-8112
Armor Rod	AR-2122	AR-2124	AR-2126	AR-2128	AR-2131	AR-2133
Spiral Vibration Damper (SVD)	5050103	5050103	5050104	5050104	5050104	5050105
HI-MASS SVD	5050200	5050200	5050201	5050201	5050201	5050202
Stockbridge Damper	DB05-06	DB05-06	DB05-06	DB05-09	DB1-09	VSD-2016
Air Flow Spoiler	5058100	5058100	5058101	5058101	5058101	5058102