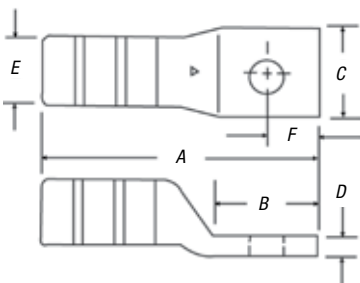


Connectors for Aluminum/Copper Code Conductor

Perform equally well on both aluminum and copper conductors.

One-Hole Lugs



- For 90° C, 600V to 35kV applications
- Easily matched to the correct Blackburn® installing die featuring the Color-Keyed® system for positive compressions
- Hardened steel dies compress connector around cable, changing round strands to polygonal shapes and cold flowing strands and connector into a solid, homogenous mass
- Long compression areas ensure complete contact
- Multiple compressions prevent creep of aluminum conductors
- Filled with high-temperature oxide-inhibitor compound
- Electro-tin plating prevents electrolytic corrosion of copper to ensure lowest contact resistance

Material: High-Conductivity Wrought Aluminum

Finish: Electro-Tin Plate

CAT. NO.	CABLE SIZE AL/CU	BOLT SIZE (IN.)	DIMENSIONS						COLOR CODE	DIE CODE
			A	B	C	D	E	F		
60096	#10 AWG	#10	1.09	.56	.41	.06	.270	.22	21	RED
60097		¼	1.31	.72	.43	.07	.270	.34		
60099		⅜	1.53	.93	.58	.06	.270	.44		
60101	#8 AWG	#10	1.22	.56	.41	.09	.280	.22	24	BLUE
60102		¼	1.38	.71	.44	.09	.280	.34		
60103		⅜	1.56	.91	.60	.06	.280	.44		
60104-TB	#6 AWG	⅜	1.60	.93	.60	.06	.280	.44	29	GRAY
60106		#10	1.52	.59	.47	.13	.350	.22		
60107		¼	1.67	.75	.47	.13	.350	.34		
60108	#4 AWG	⅜	1.83	.91	.63	.09	.350	.44	37	GREEN
60109		⅜	1.86	.93	.63	.09	.350	.44		
60112		¼	1.81	.75	.64	.19	.460	.34		
60113	#2 AWG	⅜	2.00	.91	.64	.19	.460	.44	42	PINK
60114		⅜	2.03	.93	.64	.19	.460	.44		
60116		¼	1.91	.75	.72	.19	.510	.34		
60117	#1 AWG	⅜	2.06	.91	.72	.19	.510	.44	45	GOLD
60118		⅜	2.09	.93	.72	.19	.510	.44		
60120		½	2.25	1.41	.88	.13	.510	.69		
60122	1/0	¼	2.30	.81	.75	.19	.560	.34	50	TAN
60123		⅜	2.39	.91	.75	.19	.560	.44		
60124		⅜	2.42	.93	.75	.19	.560	.44		
60126	2/0	½	2.89	1.41	.88	.16	.560	.69	54	OLIVE
60128		¼	2.36	.81	.88	.19	.620	.34		
60129		⅜	2.51	.97	.88	.19	.620	.44		
60130	3/0	⅜	2.51	.97	.88	.19	.620	.44	60	RUBY
60132		½	2.95	1.41	.94	.19	.620	.69		
60134		¼	2.48	.87	.97	.22	.700	.34		
60135	4/0	⅜	2.64	1.03	.97	.22	.700	.44	66	WHITE
60136		⅜	2.64	1.03	.97	.22	.700	.44		
60138		½	3.10	1.41	1.03	.22	.700	.69		
60140	250 kcmil	¼	2.58	.87	1.06	.22	.770	.34	71	RED
60141		⅜	2.83	1.09	1.06	.22	.770	.44		
60142		⅜	2.83	1.09	1.06	.22	.770	.44		
60144	300 kcmil	½	3.15	1.41	1.06	.22	.770	.69	76	BLUE
60147		⅜	3.53	.88	1.21	.25	.857	.38		
60148		⅜	3.58	.93	1.21	.25	.857	.38		
60150	350 kcmil	½	3.90	1.25	1.21	.25	.857	.50	87	BROWN
60151		⅜	4.65	2.00	1.21	.25	.857	.75		
60154		⅜	3.73	.93	1.29	.27	.917	.38		
60156	400 kcmil	½	4.05	1.25	1.29	.27	.917	.50	94	GREEN
60157		⅜	4.80	2.00	1.29	.27	.917	.75		
60159		⅜	3.75	.88	1.39	.28	.990	.38		
60160	500 kcmil	⅜	3.80	.93	1.39	.28	.990	.38	99	PINK
60162		½	4.13	1.25	1.39	.28	.990	.50		
60165		½	4.83	1.25	1.53	.33	1.090	.50		
60166	600 kcmil	⅜	5.58	2.00	1.53	.33	1.090	.75	106	BLACK
60168		½	4.95	1.25	1.65	.38	1.180	.50		
60171		½	4.95	1.25	1.79	.38	1.280	.50		
60172	700 kcmil	⅜	5.70	2.00	1.79	.38	1.280	.75	112	PURPLE
60174		⅜	5.83	2.00	1.92	.37	1.360	.75		
60176		⅜	5.95	2.00	2.04	.38	1.440	.75		
60178	1000 kcmil	⅜	6.03	2.00	2.13	.40	1.500	.75	115	YELLOW
60184		⅜	6.78	2.00	2.50	.50	1.770	.75		

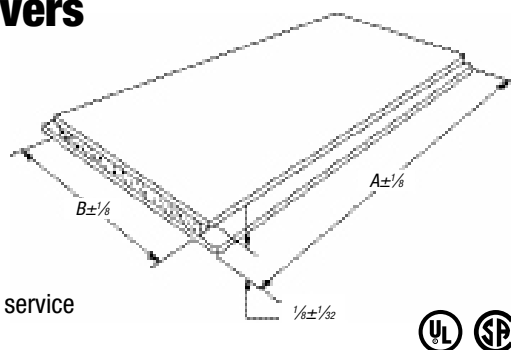
Tooling: pp. F-80-F-100

Die Selector Chart: pp. F-101-F-104

Shrink-Kon® Splice Insulators and Insulating Covers

Adhesive Insulating Covers

- Seals against moisture
- Voltage rating up to 600
- Workable from 14° F to 120° F
- Maximum operating temperature of 176° F
- No installing tools required
- Also available in 10' rolls; consult customer service



Specifications

Electrical

- Dielectric Constant: 3.2 ASTM-D150 (60 Hz)
- Power Factor: .007 ASTM-D150 (60 Hz)
- Dielectric Strength: 340 Volts/mil ASTM-D1373

Chemical

- Water Absorption: .06% ASTM-570
- Ozone Resistance — Excellent: 03% ASTM-D1373
- Corrosion None Visible: per ASTM-D 69

CAT. NO.	A	B	STD. PKG.
AC 5 X 3	5"	3"	10
AC 5 X 7	5"	7"	10
AC 85 X 75	8.5"	7.5"	5
AC 85 X 105	8.5"	10.5"	5

Order multiple is std. pkg.

*UL Listed for use with T&B Covers.

For "H" Taps, "C" Taps, two-way connectors, mechanical taps and Color-Keyed® lugs and joints.

Material: 6 mil electrical vinyl backing, butyl rubber mastic adhesive thickness 1/8" approx. Polyethylene release sheet.

UL Listed — File No. E9809.

Not for submersion in liquid.

ADHESIVE INSULATOR											COMPRESSION		"H" TAP		"C" TAP	COMPRESSION
CAT. NOS.											TWO-WAY CONNECTOR		CAT. NOS.	CAT. NOS.	CAT. NOS.	CABLE JOINTS
CAT. NOS.											CAT. NOS.		CAT. NOS.	CAT. NOS.	CAT. NOS.	CAT. NOS.
AC 5 X 3 SIZE KEY #2	60096	60113	60130	60150	54132	54145	54160	54207	54906	54860	60500	54806	63105	54710	54610	
	60097	60114	60132	60151	54134	54108	54162	54208	54942	54862	60501	54807	—	54715	54615	
	60099	60116	60134	60230	54105	54147	54163	54255	54947	54864	60507	54806	—	54720	54620	
	60101	60117	60135	60236	54135	54148	54111	54209	54909	54866	60512	54504	—	54725	54625	
	60102	60118	60136	60238	54136	54150	54165	54210	54910	—	60516	54505	—	54730	54630	
	60103	60120	60138	60242	54138	54152	54167	54260	54965	—	60905	54506	—	54735	54635	
	60104	60122	60140	60244	54106	54153	54168	54211	54970	—	60910	54507	—	54740	—	
	60106	60123	60141	60248	54139	54109	54112	54265	54850	—	60915	54506	—	54745	—	
	60107	60124	60142	60250	54140	54155	54170	54212	54852	—	60920	54509	—	54750	—	
	60108	60126	60144	54104	54107	54157	54204	54270	54854	—	60925	54510	—	—	—	
	60109	60128	60147	54130	54142	54158	54205	54930	54856	—	54804	54511	—	—	—	
	60112	60129	60148	54131	54143	54110	54206	54905	54858	—	54805	—	—	—	—	
AC 5 X 7 SIZE KEY #4	—	60152	60169	60267	54173	54115	54129	54222	54920	—	60522	60945	54516	63110	54755	54640
	—	60153	60171	60268	54174	54183	54213	54291	54923	—	60530	60950	54518	63115	54760	54645
	—	60154	60172	60269	54113	54116	54275	54223	54928	—	60538	60955	54809	63120	54765	54650
	—	60156	60174	60271	58161	54185	54214	54295	54868	—	60542	60960	54810	63125	54770	—
	—	60157	60176	60273	58162	54118	54280	54224	54870	—	60548	60965	54811	—	54775	—
	—	60159	60178	60274	58163	54187	54215	54226	54872	—	60554	60970	54812	—	54780	—
	—	60160	60180	60275	58165	54120	54282	54228	54874	—	60560	54509	54813	—	—	—
	—	60162	60254	60276	58166	54122	54216	54913	54876	—	60565	54510	54814	—	—	—
	—	60163	60256	60277	54178	54123	54218	54914	54878	—	60568	54511	54815	—	—	—
	—	60165	60260	60278	54179	54124	54286	54915	54880	—	60571	54512	54816	—	—	—
	—	60166	60262	60280	54114	54126	54220	54916	54882	—	60930	54513	54817	—	—	—
	—	60168	60265	54172	54181	54128	54289	54918	—	—	60935	54514	—	—	—	—
—	—	—	—	—	—	—	—	—	—	60940	54515	—	—	—	—	
AC 85 X 75 SIZE KEY #6	—	—	—	—	60184	—	—	—	—	—	60574	54522	63130	—	—	—
	—	—	—	—	60284	—	—	—	—	—	60576	54523	63135	—	—	—
	—	—	—	—	—	—	—	—	—	—	60578	54524	63140	—	—	—
	—	—	—	—	—	—	—	—	—	—	60580	54526	63145	—	—	—
	—	—	—	—	—	—	—	—	—	—	60584	54528	63150	—	—	—
	—	—	—	—	—	—	—	—	—	—	60975	54820	—	—	—	—
	—	—	—	—	—	—	—	—	—	—	60980	54823	—	—	—	—
	—	—	—	—	—	—	—	—	—	—	60985	54828	—	—	—	—
AC 85 X 105 SIZE KEY #8	—	—	—	—	—	—	—	—	—	—	54520	—	—	63155	—	—
	—	—	—	—	—	—	—	—	—	—	—	—	63160	—	—	—
	—	—	—	—	—	—	—	—	—	—	—	—	63165	—	—	—