

KALASWIRE.COM

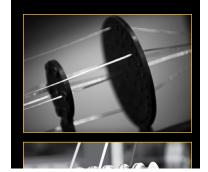
DELIVERING DEPENDABILITY

FOR MORE THAN A HALF CENTURY

Kalas is a full-service manufacturer of copper wire & cable with over 60 years of experience. We are strategically positioned to deliver quality cable & value-add solutions to the welding, oil & gas markets.



Through Owning Each Stage of Production.



Kalas is a full-service manufacturer with more than 60 years of experience. We are strategically positioned to deliver unprecedented quality cable & value-add solutions to the cathodic protection market.

FULLY-INTEGRATED MANUFACTURER
 DEPENDABLE PARTNER



15 STATE-OF-THE-ART extrusion lines

CUSTOM & COMPETITIVE value-add solutions

Manufacturing Quality Cable You Can Trust.

STRATEGIC VERTICAL INTEGRATION



GENFLEX™ TYPE W PORTABLE POWER CABLE



FEATURES

- Superior flexibility for ease of use coiling, transportation and storing
- Wet rating 90 C, Sunlight resistant, and 75C Oil Resistant
- MSHA Flame Test Approved
- Custom print in surface ink or PermaPrint^{TI} indent print available upon request
- Cable meets UL Subject 1650; CSA PPC 22.2 96
- Resistant to abrasion, sunlight, chemical, oil and water ensures superior cable life in the harshest environments

APPLICATIONS

- For use in accordance of National Electrical Code (NEC) article 400 and NFPA 70
- Generator leads, battery leads or motor leads.
- Heavy Duty or Temporary Power Supplies
- Light to medium duty mining applications



CONSTRUCTION

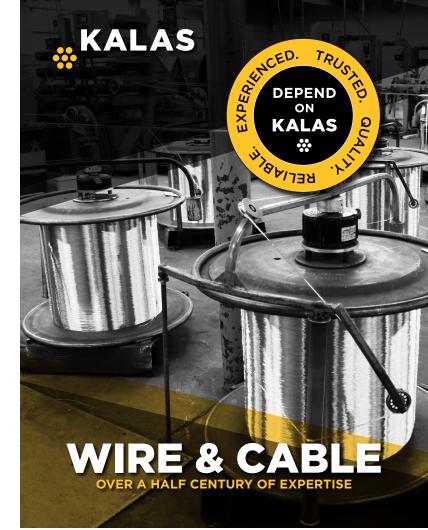
8 AWG - 4/0 cables available, made with flexible stranded No. 30 bare copper conductor insulated with a high grade EP inner and a CPE jacket. Maximum conductor operating temperature is 90°C in circuits not exceeding 2000 Volts. Minimum temperature rating is -40°C.

GAUGE	STRANDING		INSULATION THICKNESS		JACKET THICKNESS		IINAL .D.	STANDARD PACKAGE	SHIPPING WEIGHT -LBS/ 1000 FT.	
		in	mm	in	mm	in	mm			
8	7x24/.0100"	0.060	1.52	0.075	1.91	0.445	11.30	1,000'	132	
6	7x38/.010"	0.060	1.52	0.095	2.41	0.525	13.32	1,000'	195	
4	7x60/.010"	0.060	1.52	0.095	2.41	0.592	15.02	1,000'	264	
2	7x95/.010"	0.060	1.52	0.095	2.41	0.645	16.37	1,000'	352	
1	19x44/.010"	0.080	2.03	0.095	2.41	0.725	18.40	1,000'	454	
1/0	19x56/.010"	0.080	2.03	0.095	2.41	0.775	19.67	1,000' / 2,000'	535	
2/0	19x70/.010"	0.080	2.03	0.095	2.41	0.828	21.02	1,000' / 2,000'	643	
3/0	19x88/.010"	0.080	2.03	0.095	2.41	0.883	22.42	1,000' / 2,000'	782	
4/0	19x111/.010"	0.080	2.03	0.095	2.41	0.953	24.19	1,000' / 2,000'	941	

secifications contained herein reflect current data and are bject to change. Values are nominal and/or approximate. ISO 14001:2015 C

NA/2022

MADE IN THE USA





CATHODIC PROTECTION CABLE

Offering a Variety of Quality Cathodic Protection Cable

Kalas manufactures professional quality cable for cathodic protection of pipelines, oil tanks, steel piped, well casings, marine craft and other metallic structures.



CATHODIC PROTECTION CABLE

- Direct burial
- Sunlight resistant
- Abrasion resistant
- Crush resistant
- Chemical resistant
- Custom print available upon request
- Sequential footage marking upon request
- Special stranding & packaging are available upon request



CATHODIC PROTECTION CABLE WITH KYNAR

– Insulated with a wall of natural PVDF (Polyvinylidene Fluoride) Kynar



EXPERTS IN MANUFACTURING FOR OVER 60 YEARS
PROTECTION CABLE YOU CAN TRUST

CATHODIC PROTECTION CABLE







FEATURES

- Direct burial
- Abrasion resistant
- Crush resistant
- Chemical resistant
- Custom print available upon request
- Sequential footage marking upon request
- Special stranding and packaging are available upon request

CONSTRUCTION

Annealed stranded bare copper conforming to ASTM B-8. A high molecular weight polyethylene (HMW / PE) insulation conforming to ASTM D 1248 I, Class A, Cat.4 Grade E5 is extruded over the copper.

APPLICATIONS

- For Cathodic protection of pipelines, oil tanks, steel piped, well casings, marine craft and other metallic structures
- Rated at 600 Volts

CATHODIC PROTECTION CABLE



GAUGE STRANDING		INSULATION THICKNESS		NOMINAL O.D.		STANDARD PACKAGE	SHIPPING WEIGHT ~LBS/ 1000 FT.	PART NUMBERS
		in	mm	in	mm			
12	7/0305	0.110	2.79	0.309	7.85	3000	49	480009.XX.001
10	7/0385	0.110	2.79	0.333	8.46	2500	64	480010.XX.001
8	7/0486	0.110	2.79	0.365	9.27	6000	88	480011.XX.001
6	7/0612	0.110	2.79	0.400	10.16	5000	126	480012.XX.001
4	7/0772	0.110	2.79	0.450	11.43	4500	185	480013.XX.001
2	7/0974	0.110	2.79	0.507	12.88	3500	262	480014.XX.001
1	19/0664	0.125	3.18	0.584	14.83	2500	357	480015.XX.001
1/0	19/0745	0.125	3.18	0.623	15.82	2250	415	480016.XX.001
2/0	19/0837	0.125	3.18	0.669	16.99	2000	511	480017.XX.001
4/0	19/1055	0.125	3.18	0.778	19.76	1500	782	480019.XX.001

CATHODIC PROTECTION CABLE WITH KYNAR PVDF - POLYVINYLIDENE FLUORIDE





FEATURES

- Special stranding and packaging are available upon request.
- Custom print available upon request
- Direct burial
- Abrasion resistant

APPLICATIONS

- For Cathodic protection of pipelines, oil tanks, steel piped, well casings, marine craft and other metallic structures.
- Resistant to corrosive gases. May be directly installed in brackish waters.

CONSTRUCTION

Annealed stranded bare copper conforming to ASTM B-8. An insulated wall of natural Polyvinylidene Fluoride Kynar extruded over the bare copper conductor. A high molecular weight polyethylene (HMW / PE) insulation conforming to ASTM D 1248 I, Class A, Cat.4 Grade E5 is extruded over the Kynar. Rated to 75°C.

CATHODIC PROTECTION CABLE WITH KYNAR PVDF - POLYVINYLIDENE FLUORIDE



GAUGE	STRANDING	KYNAR THICKN	ESS	INSULA				STANDARD PACKAGE	SHIPPING WEIGHT ~LBS/ 1000 FT.	PART NUMBER
		in	mm	in	mm	in	mm			
8	7/0486	0.020	0.51	0.065	1.65	0.315	8.00	6000	76	480020.13.001
6	7/0612	0.020	0.51	0.065	1.65	0.350	8.89	5000	133	480021.11.001
4	7/0772	0.020	0.51	0.065	1.65	0.400	10.16	4500	170	
2	7/0974	0.020	0.51	0.065	1.65	0.470	11.94	3500	252	

^{*} Other sizes available upon request.

PRODUCTS AT A GLANCE

Products listed are common Kalas products; other products are available upon request. Please contact sales or customer service for your special requests.

MISCELLANEOUS

LOW ENERGY CIRCUT

LLLECC/LOW VOLT

Sunlight Resistant

TRANSFORMER LEAD WIRE

PVC 60°C

-25°C

30 Volts

10-14 AWG

PVC 1059

14 - 4/0 gauge



MACHINE TOOL WIRE (MTW), TEW & TR

1TW	TEW	TR32	TR64
VC 90°C	PVC 105°C	PVC 90°C	PVC 90°C
00 Volts	600 Volts	1400 Volts	600 Volts
18 – 500 MCM	#18 - 500 MCM	#18 - #10	#18 – #14

UTILITY

UTILIFLEX™ GROUNDING CABLE

PVC or TPE -40°C - 90°C 600 Volts 2 - 4/0 gauge

UTILIFLEX™ JUMPER CABLE

EPR (Thermoset Ethylene-Propylene Rubber) 2ga, 1/0, 2/0, 4/0 15kV 1/0, 2/0, 4/0 25kV 1/0 35kV

TRACER (UL)

Polyethylene 30 or 600 Volts Bare Copper 16 – 14 AWG 10-14 AWG

SUBMERSIBLE PUMP CABLE

PVC FLAT PARALLEL PUMP WITH GROUND

75°C Dry 75° Wet 600 Volts 14 - 10 AWG 2 or 3 conductor with ground 8 AWG 2 or 3 conductor with # 10 ground 6 – 4 AWG 3 conductor with # 8 ground

PVC FLAT HEAVY DUTY PUMP WITH GROUND

75°C Dry 75° Wet 600 Volts 14 – 10 AWG 2 or 3 conductor with ground 8 AWG 3 conductor with # 10 ground 6 – 4 AWG 3 conductor with # 8 ground 2 AWG 3 conductor with #6 ground 1/0 - 2/0 3 conductor with #6 ground

INDUSTRIAL POWER

TOUGHFLEX™ EPDM WELDING CABLE

EPDM Rubber -50°C to 105°C 600 Volts #8 - 250 MCM

GENFLEX™ TYPE SC ENTERTAINMENT CABLE

-50°C to 105°C 600 Volts #8 - 250 MCM NEC 520, 525, 530 UL 1680, CSA PPC 22.2 - 96, c(UL)

GENFLEX™ TYPE W PORTABLE POWER CABLE

CPE Jacket, EPDM insulation -40°C to 90°C Dry; 90°C Wet 2000 Volts #8 - 4/0 NEC 400, NFPA 70 UL 1650, CSA PPC 22.2 - 96 MSHA Flame Test Sunlight Resistant

APPLIANCE WIRE (AWM)

PVC AWM UL

300, 600 or 1000 Volts Moisture & Oil Resistant as applicable Flat or Round Multiple Conductor Also available 18 AWG - 500 MCM

PVC AWM CSA

60°C - 105°C Dry 75°C Wet 300 or 600 Volts Class I & II Group A & B Moisture and Oil Resistant available

SINGLE-CONDUCTOR, THERMOPLASTIC INSULATION										
1007	1041	1058	1235	1306	1338	1391	1731			
1011	1043	1059	1237	1307	1339	1392	10012			
1013	1045	1060	1239	1308	1340	1400	10070			
1015	1049	1120	1275	1312	1342	1401	10269			
1017	1050	1220	1276	1314	1343	1416				
1024	1051	1228	1277	1322	1344	1447				
1026	1053	1229	1278	1323	1345	1509				
1027	1054	1230	1279	1329	1383	1569				
1028	1055	1231	1280	1335	1384	1722				
1030	1056	1232	1283	1336	1389	1729				
1032	1057	1233	1284	1337	1390	1730				

	MULTIPLE-CONDUCTOR, THERMOPLASTIC INSULATION							
PVC TWISTED PUMP WITH GROUND	2001	2037	2082	2164	2214	2254	2312	2493
75°C Dry 75° Wet 600 Volts	2002	2038	2083	2174	2215	2255	2313	2501
14 – 10 AWG 2 or 3 conductor with ground	2003	2039	2085	2175	2216	2257	2327	2502
8 AWG 2 or 3 conductor with # 10 ground	2004	2040	2086	2176	2217	2261	2328	2516
6 – 4 AWG 3 conductor with # 8 ground	2005	2041	2130	2182	2218	2271	2329	2517
C .	2006	2042	2131	2183	2219	2272	2330	2532
TPE PUMP CABLE JACKETED (ICE BLUE)	2007	2043	2132	2184	2220	2273	2334	2535
TPE 90°C Dry 75°C Wet	2008	2044	2135	2185	2221	2274	2343	2549
Low Temperature Rating -65°C	2009	2045	2136	2186	2222	2275	2344	2570
600 Volts	2010	2046	2137	2187	2223	2276	2345	2571
12/2 12/3 10/2 10/3 all with ground	2011	2047	2138	2188	2224	2277	2346	2574
8/3 with # 10 ground	2012	2048	2139	2189	2225	2278	2358	2576
	2013	2049	2140	2190	2226	2279	2359	2584
	2014	2050	2141	2191	2227	2280	2362	2586
	2015	2051	2142	2192	2228	2281	2367	2587
	2016	2052	2143	2193	2229	2282	2368	2589
	2017	2053	2144	2194	2230	2283	2369	2598
FLEXWHIP™ WELDING CABLE	2018	2054	2145	2195	2231	2284	2370	2614
EPDM Rubber	2019	2055	2146	2196	2232	2285	2377	2626
-50°C to 105°C	2020	2056	2147	2197	2233	2286	2378	2630
600 Volts	2021	2057	2148	2198	2234	2287	2379	2631
#2 – 2/0	2022	2058	2149	2199	2235	2288	2380	2637
	2023	2059	2150	2200	2236	2293	2381	2653
12 GAUGE/14 CONDUCTOR	2024	2060	2151	2201	2237	2294	2382	2654
ENTERTAINMENT LIGHTING CABLE	2025	2061	2152	2202	2238	2295	2383	2655
PVC Jacket, PVC Inners	2026	2062	2153	2203	2239	2296	2384	2656
-40°C to 105°C	2027	2063	2154	2204	2240	2297	2385	2660
600 Volts	2028	2064	2155	2205	2242	2298	2386	2661
	2029	2065	2156	2206	2246	2299	2387	2662
	2030	2066	2157	2207	2247	2300	2388	2668
	2031	2067	2158	2208	2248	2301	2446	2679
16/7 SEOOW STOOW	2032	2068	2159	2209	2249	2302	2461	2704
ENTERTAINMENT LIGHTING CABLE	2033	2069	2160	2210	2250	2303	2462	2709
TPE Compound	2034	2070	2161	2211	2251	2304	2463	2881
-50°C to 105°C	2035	2080	2162	2212	2252	2305	2464	20882
600 Volts	2036	2081	2163	2213	2253	2308	2490	21124

SINGLE-CONDUCTOR, THERMOSET INSULATION										
3167	3182	3279	3284	3290	3295	3296	3297			
3298	3300	3311	3320	3478	3484	3526	3993			

60°C or 105°C

18 AWG - 500 MCM

SINGLE-CONDUCTOR, THERMOPLASTIC INSULATION											
1007	1041	1058	1235	1306	1338	1391	1731				
1011	1043	1059	1237	1307	1339	1392	10012				
1013	1045	1060	1239	1308	1340	1400	10070				
1015	1049	1120	1275	1312	1342	1401	10269				
1017	1050	1220	1276	1314	1343	1416					
1024	1051	1228	1277	1322	1344	1447					
1026	1053	1229	1278	1323	1345	1509					
1027	1054	1230	1279	1329	1383	1569					
1028	1055	1231	1280	1335	1384	1722					
1030	1056	1232	1283	1336	1389	1729					
1032	1057	1233	1284	1337	1390	1730					

KALAS MAILING ADDRESS TULSA WAREHOUSE

167 Greenfield Road Lancaster, PA 17601

1810 East Jasper St. Tulsa, Oklahoma 74110

KALASWIRE.COM P 717-336-5575

PRODUCTS AT A GLANCE

Products listed are common Kalas products; other products are available upon request. Please contact sales or customer service for your special requests



AUTOMOTIVE

AUTO DUPLEX

Inner Conductors PVC 80°C - 105°C Jacket PVC 80°C – 105°C 10/2 – 1/0-2 gauge

AUTO TRIPLEX

Inner Conductors PVC 80°C - 105°C Jacket PVC 80°C - 105°C 18/3 - 10/3 gauge

AUTO QUADRUPLEX

Inner Conductors PVC 80°C - 105°C Jacket PVC 80°C - 105°C 16/4, 14/4, 12/4 gauge

BOOSTER DUPLEX CABLE

PVC or TPE up to 105°C 10/2 - 1/0-2 gauge

BATTERY CABLE 60 VOLTS DC

PVC SGT 80°C or 105°C EPDM SGR 105°C or 140°C UL SGR 105°C (UL4127) XLPE SGX 125°C Meets SAE J1127 6 gauge - 4/0

PRIMARY WIRE 60 VOLTS DC

PVC GPT 80°C or 105°C PVC TWP 80°C Meets SAE J1128 18 – 8 gauge

Inner Conductors

MULTIPLE CONDUCTOR TRAILER CABLE

PVC 80°C or 105°C TPE 105°C Low Temperature -40°C Jacket PVC or TPE 80°C or 105°C Low Temperature -40°C Mixed gauges; Made to customer specifications; No Kalas standard

FLEXIBLE CORD

600V SERVICE CORD

ST, STO, STOO, STW, STOW, STOOW PVC Jacket, PVC Inners 60°C or 105°C -40°C 18 - 4 AWG; 2-4 conductors. Also available with greater than 4 conductors

300V SERVICE CORD

SJT, SJTO, SJTOO, SJTW, SJTOW, SITOOW PVC Jacket, PVC Inners 60°C or 105°C -40°C 18 - 10 AWG; 2-4 conductors. Also available with greater than 4 conductors

300V SERVICE CORD SJE, SJEO, SJEOO, SJEW, SJEOW, SJEOOW TPE Jacket, PVC Inners 105°C -40°C or -50°C 18 - 10 AWG: 2-4 conductors Also available with greater than 4 conductors

SE, SEO, SEOO, SEOW, SEOOW TPE Jacket, TPE Inners 105°C -40°C or -50°C 18 – 4 AWG; 2-4 conductors Also available with greater than 4 conductors

RV AND MOBILE HOME

STW, STOW and STOOW: Please see Marine and Recreation

600V SERVICE CORD

VACUUM CLEANER CORD SVT

PVC 60°C or 105°C 300 Volts 18/3 - 16/3 AWG 18/2 - 16/2 AWG

CONSTRUCTION WIRE

CATHODIC PROTECTION CABLE High Molecular Weight

Linear Low Density Polyethylene 600 Volts Available as UL Listed or non UL 12 gauge – 4/0

UF-B WITH GROUND

PVC/Nvlon Conductors with PVC Jacket Sunlight Resistant 600 Volts 14 – 6 AWG

CATHODIC PROTECTION CABLE WITH KYNAR PVDF - POLYVINYLIDENE FLUORIDE

High Molecular Weight Linear Low Density Polyethylene 75°C 600 Volts 2 - 8 gauge

UNDERGROUND FEEDER WIRE (UF)

PVC Sunlight Resistant 60°C Dry 60°C Wet 600 Volts 14 - 6 AWG

MARINE / RECREATION

BOAT CABLE SINGLE CONDUCTOR

105°C Dry 75° Wet (BC5W2) 600 Volts 16 AWG - 4/0

BOAT CABLE MULTI-CONDUCTOR FLAT

105°C Dry 75° Wet (BC5W2) 600 Volts 18 - 4 AWG; 2-3 conductors

BOAT CABLE MULTI-CONDUCTOR ROUND PVC

105°C Dry 75° Wet (BC5W2) 600 Volts 18 – 4 AWG Contact Sales for # of conductor's

MARINE BATTERY **CABLE SGT**

SAE 11127 PVC 105°C -40°C 60 Volts DC 6 gauge - 4/0

MARINE PRIMARY WIRF GPT

SAE J1128 PVC 105°C -40°C 60 Volts DC 18 – 8 gauge

KALAS MAILING ADDRESS

Kalas Product Line Card 12.22

167 Greenfield Road 1810 East Jasper St. Lancaster, PA 17601 Tulsa, Oklahoma 74110

TULSA WAREHOUSE

KALASWIRE.COM

P 717-336-5575



LOCATIONS

Kalas has facilities around the country; from Denver & Lancaster, PA to warehouses in the central and western states. With four manufacturing facilities, two value-add locations, a corporate headquarters and a conference center, Kalas is able to ensure integration during all stages of the production process as well as offer customers superior service with a wide range of capabilities.



MAILING ADDRESS & CORPORATE OFFICES

167 Greenfield Road, Lancaster, PA 17601
Corporate Offices and Engineered Terminated Battery Cable Division



KALAS CORPORATE (KC)

80 Denver Road, Denver, PA 17517Velocity Center and Corporate Offices



PLANT #1 (K1)

25 Main Street, Denver, PA 17517Copper Rod Mill



PLANT #2 (K2)

86 Denver Road, Denver, PA 17517Insulation Extrusion, Value-Add Assemblies

WAREHOUSE LOCATION

Tulsa Warehouse

1810 East Jasper St. Tulsa, Oklahoma 74110

Available Everywhere You Need Us WWW.KALASWIRE.COM