



KALAS

UTILITY WIRE & CABLE



DELIVERING DEPENDABILITY

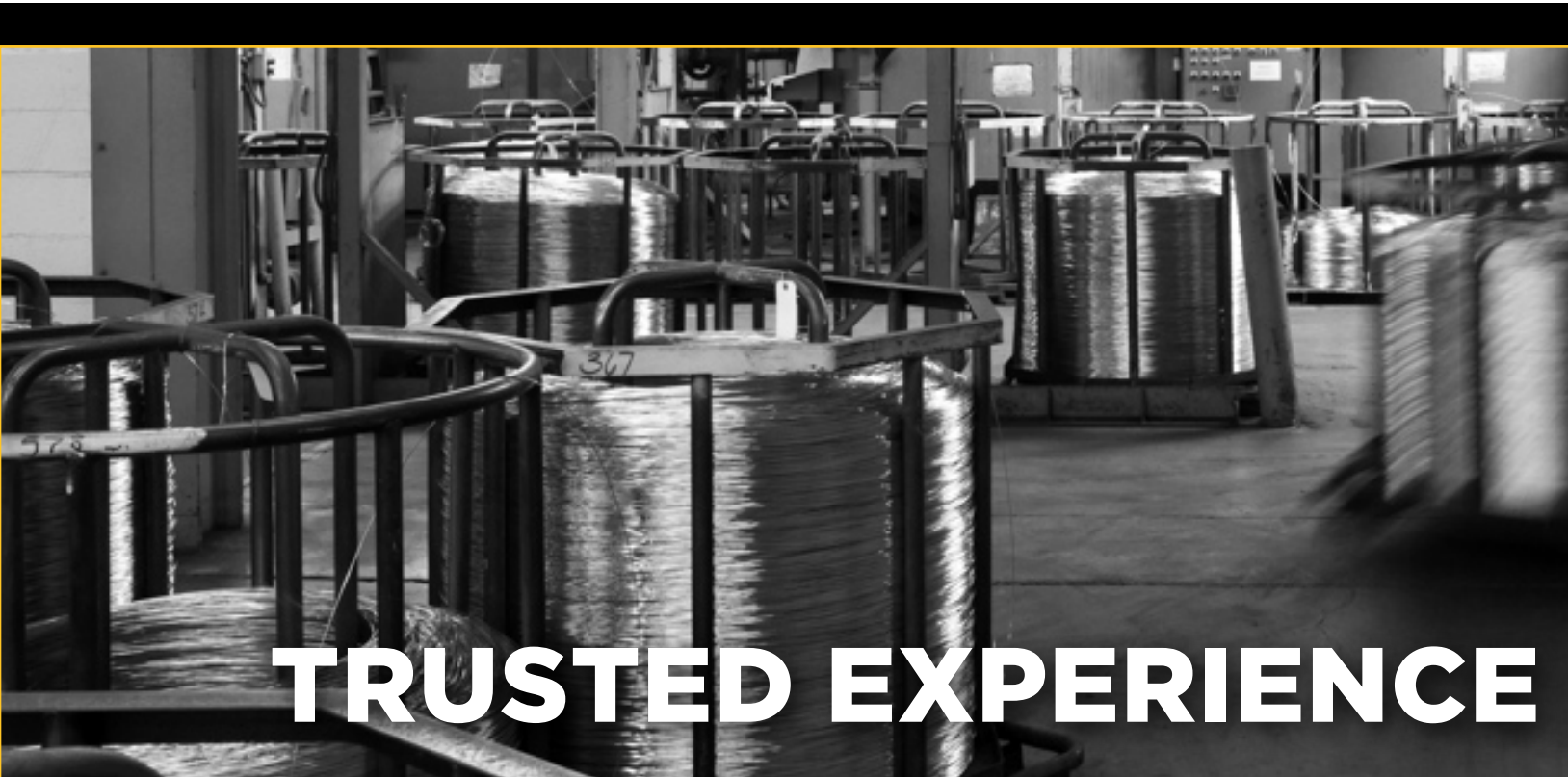
FOR MORE THAN A HALF CENTURY

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 power and utility market.



OFFERING YOU COLLABORATIVE SOLUTIONS REINFORCING OUR POSITION AS A PROVEN PARTNER YOU CAN RELY ON.

- MARKET LEADER •
- FULLY-INTEGRATED MANUFACTURER •
- DEPENDABLE PARTNER •



TRUSTED EXPERIENCE

WE OFFER YOU SUPERIOR MATERIAL CONTROL

Through Owning Each
Stage of Production.

DRAWN COPPER
fabricated from
5/16" copper rod

40+ MILLION POUNDS
of copper processed annually

15 STATE-OF-THE-ART
extrusion lines

CUSTOM & COMPETITIVE
value-add solutions

**Manufacturing Quality
Cable You Can Trust.**

STRATEGIC
VERTICAL INTEGRATION





UTILITY WIRE & CABLE

CUSTOMER CENTRIC ORDER FULFILLMENT

- Make to Order with aggressive lead times
- Buy from Stock for immediate delivery
- Custom stocking programs to drive market share growth and win new business



COAST TO COAST FULFILLMENT

- Stock located in Pennsylvania
- Expedited services for last minute or emergency requirements



CUSTOMIZATION

- Choose indent or ink custom print legend
- Custom packaging options
- Marketing services available to help grow your brand



KALASWIRE.COM



UTILIFlex™

CLEAR GROUNDING CABLE

DESIGNED FOR TEMPORARY GROUNDING FOR DE-ENERGIZED OVERHEAD ELECTRICAL LINES AND DE-ENERGIZED ELECTRICAL EQUIPMENT.



CLEAR GROUNDING CABLE

- Highly flexible stranded No. 30 bare copper conductor
- Clear high grade RoHS compliant 105°C PVC insulation ensures ability to see stranding and identify breaks
- Meets temperature range and flame retardancy of ASTM F-855, Type III
- Heavier jacket walls provide extra protection from the environment:
 - Superior operating temperature range of -40°C exceeding ASTM F-855 and up to 105°C exceeding ASTM F-855 Type III
 - PermaPrint™, indent print that lasts a lifetime and will not wear off
 - Standard Print (example): UtiliFlex™ 2/0 AWG GROUNDING CABLE ASTM F855 COPPER 600V MADE IN USA
- Special packaging and custom ink-jet print available

KALAS MAILING ADDRESS
167 Greenfield Road
Lancaster, PA 17601

TULSA WAREHOUSE
1810 East Jasper St.
Tulsa, Oklahoma 74110

KALASWIRE.COM
P 717-336-5575

MADE IN THE USA

ISO 9001:2015 CERTIFIED
ISO 14001:2015 CERTIFIED

UTILIFlex™

CLEAR GROUNDING CABLE



FEATURES

- Superior flexibility ensures ultimate ease of use.
- Clear PVC jacket ensures ability to see copper stranding and identify breaks.
- Jacket meets the operating temperature range and flame retardancy of ASTM F-855 Type III.
- Heavier jacket walls provide extra protection for copper conductor.
- Excellent cold weather properties to -40°C exceeding ASTM F-855.
- Superior maximum operating temperature range up to 105°C exceeding ASTM F-855 Type III.
- Special and packaging are available upon request.
- Standard indent print with custom inkjet print available upon request.

APPLICATIONS

- Temporary grounding for de-energized overhead electrical lines and de-energized electrical equipment.

CONSTRUCTION

Highly flexible stranded No. 30 bare copper conductor insulated with a high grade 105°C clear PVC jacket.

UTILIFlex™

CLEAR GROUNDING CABLE



GAUGE	STRANDING	INSULATION THICKNESS		NOMINAL O.D.		STANDARD PACKAGE	SHIPPING WEIGHT ~LBS/ 1000 FT.
		in	mm	in	mm		
2	7/95/.010	0.110	2.79	0.530	13.46	500 or 1000	287
1/0	19/56/.010	0.127	3.23	0.650	16.51	500 or 1000	445
2/0	19/70/.010	0.127	3.23	0.700	17.78	500 or 1000	545
3/0	19/88/010	0.142	3.61	0.784	19.91	500 or 1000	684
4/0	19/111/.010	0.142	3.61	0.850	21.59	500 or 1000	839

Specifications contained herein reflect current data and are subject to change. Values are nominal and/or approximate.

ISO 9001:2015 CERTIFIED
ISO 14001:2015 CERTIFIED

TPE GROUNDING CABLE

DESIGNED FOR TEMPORARY GROUNDING FOR DE-ENERGIZED OVERHEAD ELECTRICAL LINES AND DE-ENERGIZED ELECTRICAL EQUIPMENT.



TPE GROUNDING CABLE

- Highly flexible stranded No. 30 bare copper conductor
- High grade RoHS compliant 105°C TPE insulation
- Black and yellow jacket colors available
- Meets temperature range of ASTM F-855, Type I
- Excellent operating temperature range of -40°C to 105°C
- Superior flexibility in cold weather
- Special packaging and custom print available
- Standard Print (example): UtiliFlex™ 2/0 AWG GROUNDING CABLE ASTM F855 COPPER 600V MADE IN USA



UTILIFlex™

TPE GROUNDING CABLE



FEATURES

- Excellent operating temperature range from -40°C to 90°C (105°C available upon request), surpasses requirements of ASTM F-855 Type III.
- Superior flexibility in cold weather.
- Indent and ink jet print available.
- Custom print available upon request.
- Special packaging available upon request.

APPLICATIONS

- Temporary grounding for de-energized overhead electrical lines and de-energized electrical equipment.

CONSTRUCTION

Highly flexible stranded No. 30 bare copper conductor insulated with a high grade 90°C TPE jacket.

UTILIFlex™

TPE GROUNDING CABLE



GAUGE	STRANDING	INSULATION THICKNESS		NOMINAL O.D.		STANDARD PACKAGE	SHIPPING WEIGHT -LBS/ 1000 FT.
		in	mm	in	mm		
2	7/95/.010	0.090	2.29	0.493	12.52	500 or 1000	271
1/0	19/56/.010	0.090	2.29	0.576	14.63	500 or 1000	394
2/0	19/70/.010	0.100	2.54	0.646	16.41	500 or 1000	516
3/0	19/88/.010	0.100	2.54	0.700	17.78	500 or 1000	648
4/0	19/111/.010	0.100	2.54	0.770	19.56	500 or 1000	784

UTILIFlex™

90°C NON-SHIELDED JUMPER CABLE



- **HIGH QUALITY CABLE** WITH PROVEN PERFORMANCE
- **DEPENDABLY MANUFACTURED** TO ASSURE USER SAFETY
- **SUPERIOR FLEXIBILITY** FOR EASE OF USE
- **DURABLE JACKET** FOR CABLE LONGEVITY & PEACE OF MIND

FEATURES

- ASTM F2321 - Flexible and Rigid Insulated Temporary By-Pass Jumpers
- EPR CV-cured jacket resists abrasion, heat, moisture, and ozone
- Annealed copper stranding is extra flexible
- Low temperature performance to -60°C per NEMA WC71
- Water resistant
- Standard Color: Orange
- Standard Print (example): UtiliFlex™ 2/0 AWG 15KV JUMPER ASTM F2321 --- MADE IN USA
- Custom print and custom colors available upon make-to-order request
- 3rd party performance tested

APPLICATIONS

- Suitable as a temporary flexible power cable for temporary By-Pass connections.

CONSTRUCTION

Conductor: Annealed Flexible Bare Copper per ASTM B3 & ASTM B172 or Tinned Copper per ASTM B33 & ASTM B172

Separator: Semi-conductive tape separator between the copper and ERP Insulation

Insulation: Thermoset Ethylene-Propylene Rubber (EPR) as outlined in ANSI/NEMA WC-71

90°C NON-SHIELDED JUMPER CABLE

15KV

GAUGE	STRANDING	INSULATION THICKNESS		NOMINAL O.D.		STANDARD PACKAGING	APPROX. WGT/1000'	APPROX. SHIP WGT 500' REEL	REEL
		in	mm	in	mm				
2ga 15kV	7/95/010"	0.215	5.461	0.772	19.609	500	426	228	24X16X8 PF
1/0 15kV	19/56/010"	0.215	5.461	0.857	21.768	500	582	315	30X12X12 PF
2/0 15kV	19/70/010"	0.215	5.461	0.907	23.038	500	679	391	30X16X13
4/0 15kV	19/111/010"	0.215	5.461	1.035	26.289	500	981	553	32X16X13

25KV

GAUGE	STRANDING	INSULATION THICKNESS		NOMINAL O.D.		STANDARD PACKAGING	APPROX. WGT/1000'	APPROX. SHIP WGT 500' REEL	REEL
		in	mm	in	mm				
1/0 25kV	19/56/010"	0.289	7.341	1.007	25.578	500	711	418	32X16X13
2/0 25kV	19/70/010"	0.289	7.341	1.055	26.797	500	808	466	32X16X13
4/0 25kV	19/111/010"	0.289	7.341	1.177	29.896	500	1,144	634	36X16X13

35KV

GAUGE	STRANDING	INSULATION THICKNESS		NOMINAL O.D.		STANDARD PACKAGING	APPROX. WGT/1000'	APPROX. SHIP WGT 500' REEL	REEL
		in	mm	in	mm				
1/0 35kV	19/56/010"	0.385	9.779	1.198	30.429	500	899	518	36X16X13

TRACER WIRE



FEATURES

- Temperature rating is -65°C to 75°C with 30 Volts or 600 Volts
- Available with UL labeling and print
- Direct burial
- Custom print available upon request
- Sunlight resistant
- Other stranding available upon request

CONSTRUCTION

Solid bare copper conductor insulated with Linear Low Density Polyethylene to form a durable tracer wire.

APPLICATIONS

- Single conductor constructions for use in direct burial applications where you may need to locate piping using the wire.

TRACER WIRE



SOLID BARE COPPER TRACER WIRE INSULATED WITH LINEAR LOW DENSITY POLYETHYLENE

GAUGE	STRANDING	INSULATION THICKNESS		Nominal O.D.		STANDARD PACKAGE	SHIPPING WEIGHT -LBS/ 1000 FT.
		in	mm	in	mm		
14	SBC 1/.0641"	0.030"	7.62	0.127"	32.26	1000	16
14	SBC 1/.0641"	0.045"	11.43	0.157"	39.88	1000	19
12	SBC 1/.0808"	0.030"	7.62	0.144"	36.58	1000	25
12	SBC 1/.0808"	0.045"	11.43	0.174"	44.20	1000	28
10	SBC 1/.1019"	0.030"	7.62	0.165"	41.91	1000	37
10	SBC 1/.1019"	0.045"	11.43	0.195"	49.53	1000	40



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 17517
Velocity Center and Corporate Offices



PLANT #1 (K1)

25 Main Street, Denver, PA 17517
Copper Rod Mill



PLANT #2 (K2)

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

WAREHOUSE LOCATION

Tulsa Warehouse
1810 East Jasper St.
Tulsa, Oklahoma 74110

KALAS MAILING ADDRESS
167 Greenfield Road
Lancaster, PA 17601

TULSA WAREHOUSE
1810 East Jasper St.
Tulsa, Oklahoma 74110

KALASWIRE.COM
P 717-336-5575

Available Everywhere You Need Us
WWW.KALASWIRE.COM

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.

MACHINE TOOL WIRE (MTW), TEW & TR

MTW PVC 90°C 600 Volts #18 – 500 MCM	COIL LEAD WIRE CL1251 XLPE 125°C 600 Volts 18 AWG – 4/0	TEW PVC 105°C 600 Volts #18 – 500 MCM	TR32 PVC 90°C 1400 Volts #18 – #10	TR64 PVC 90°C 600 Volts #18 – #14
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INDUSTRIAL POWER

TOUGHFLEX™ EPDM WELDING CABLE
EPDM Rubber
-50°C to 105°C
600 Volts
#8 – 250 MCM

GENFLEX™ TYPE SC ENTERTAINMENT CABLE
CPE
-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

FLEXWHIP™ WELDING CABLE
EPDM Rubber
-50°C to 105°C
600 Volts
#2 – 2/0

12 GAUGE/14 CONDUCTOR ENTERTAINMENT LIGHTING CABLE
PVC Jacket, PVC Inner
-40°C to 105°C
600 Volts

SUBMERSIBLE PUMP CABLE

PVC FLAT PARALLEL PUMP WITH GROUND
75°C Dry 75°C 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°C 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

PVC TWISTED PUMP WITH GROUND
75°C Dry 105°C 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

TPE PUMP CABLE JACKETED (ICE BLUE)
TPE 90°C Dry 75°C Wet
Low Temperature Rating -65°C
600 Volts
12/2 12/3 10/2 10/3 all with ground
8/3 with # 10 ground

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



MISCELLANEOUS

LOW ENERGY CIRCUIT CABLE
ULECC/C(UL) ULEC
PVC 60°C
-25°C
30 Volts
Sunlight Resistant
10-14 AWG

TRANSFORMER LEAD WIRE
PVC 105°C
14 – 4/0 gauge

APPLIANCE WIRE (AWM)

PVC AWM UL
60°C or 105°C
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
18 AWG – 500 MCM

SINGLE-CONDUCTOR, THERMOPLASTIC INSULATION							
1007	1011	1013	1015	1017	1024	1026	1027
1028	1032	1043	1056	1060	1228	1230	1231
1232	1235	1275	1278	1283	1284	1329	1335
1336	1337	1338	1339	1344	1383	1384	1569
10070	10269						

MULTIPLE-CONDUCTOR, THERMOPLASTIC INSULATION							
2085	2151	2184	2185	2186	2225	2240	2246
2247	2248	2249	2250	2251	2276	2277	2278
2277	2278	2279	2280	2281	2282	2283	2284
2285	2286	2287	2288	2305	2313	2377	2378
2379	2380	2381	2382	2383	2464	2576	2586
2614	2631	2654	2661	2662	2881		

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

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
18/2 – 10/2 gauge

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

AUTO QUADRUPLUX
Inner Conductors
PVC 80°C – 105°C
Jacket
PVC 80°C - 105°C
16/4, 14/4 gauge

BOOSTER DUPLEX CABLE
PVC or TPE up to 105°C
10/2 – 1/0-2 gauge

BATTERY CABLE 60 VOLTS DC
SGT
SGR
UL SGR 105°C (UL4127)
SGX
Meets SAE J1127
6 gauge – 4/0

PRIMARY WIRE 60 VOLTS DC
GPT
TWP
Meets SAE J1128
18 – 8 gauge

MULTIPLE CONDUCTOR TRAILER CABLE
Made with SAE Inner
PVC or TPE Jacket
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 Inner
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, SJTOOW
PVC Jacket, PVC Inner
60°C or 105°C -40°C
18 – 10 AWG; 2-4 conductors.
Also available with greater than 4 conductors

300V SERVICE CORD
SJE, SJEQ, SJEQO, SJEW, SJEOW, SJEOWW
TPE Jacket, PVC Inner
105°C -40°C or -50°C
18 – 10 AWG; 2-4 conductors
Also available with greater than 4 conductors

600V SERVICE CORD
SE, SEO, SEOO, SEOW, SEOOW
TPE Jacket, TPE Inner
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

VACUUM CLEANER CORD
SVT
PVC
60°C or 105°C
300 Volts
18/3 – 16/3 AWG
18/2 – 16/2 AWG



MARINE / RECREATION

BOAT CABLE SINGLE CONDUCTOR
PVC
105°C Dry 75°C Wet (BC5W2)
600 Volts
16 AWG – 4/0

BOAT CABLE MULTI-CONDUCTOR FLAT
PVC
105°C Dry 75°C Wet (BC5W2)
600 Volts
18 – 4 AWG; 2-3 conductors

BOAT CABLE MULTI-CONDUCTOR ROUND
PVC
105°C Dry 75°C Wet (BC5W2)
600 Volts
18 – 6 AWG
Contact Sales for # of conductor's

MARINE BATTERY CABLE SGT
SAE J328
PVC 105°C -40°C
60 Volts DC
6 gauge – 4/0

MARINE PRIMARY WIRE GPT
SAE J328
PVC 105°C -40°C
60 Volts DC
18 – 8 gauge

CONSTRUCTION WIRE

UF-B WITH GROUND
PVC/Nylon Conductors with PVC Jacket
Sunlight Resistant
90°C
600 Volts
14 – 6 AWG

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