



WELDING & BATTERY CABLE

Bulk Reels, Assemblies & Value-Add Solutions



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.



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

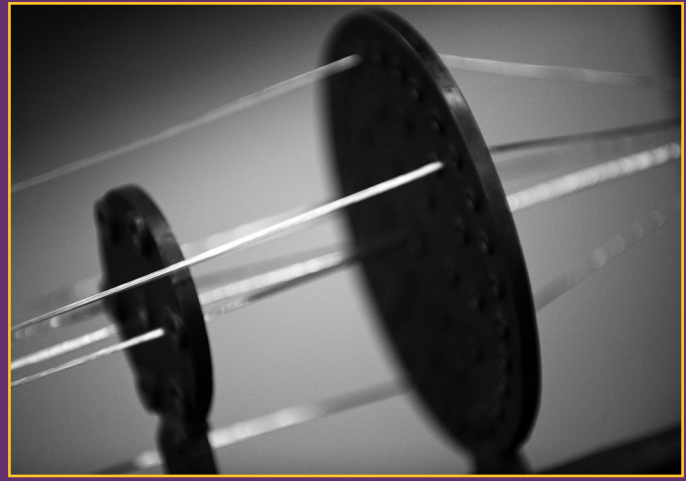
40+ MILLION POUNDS
of copper processed annually

15 STATE-OF-THE-ART
extrusion lines

CUSTOM & COMPETITIVE
value-add solutions

**Manufacturing Quality
Cable You Can Trust.**

STRATEGIC
VERTICAL INTEGRATION



ToughFlex™

Industry's best selling welding cable.

ToughFlex™ is designed for all welding applications where a stinger/whip, leads and grounds are used.



Annealed 30 gauge bare copper offers maximum **flexibility**

EPDM jacket resists cuts, tears, abrasion, grease, oil, water and flame for optimal **durability**

AVAILABLE:

- #6 - 4/0 Black, Red, Yellow, Green, and Blue; 250MCM black only
- Stock 250 ft. and 500 ft. reels
- Select colors & gauges carry MOQs & lead times
- Custom lengths available upon request
- Coiled, boxed, and shrink-wrapped packaging options for 25, 50, or 100 ft. lengths



Go to www.kalaswire.com/industrial to see our complete portfolio of products.

ToughFlex™ Welding Cable



SPECIFICATIONS:

GAUGE	STRANDING	INSULATION THICKNESS		NOMINAL O.D.		STANDARD PACKAGE	SHIPPING WEIGHT -LBS/ 1000 FT.
		IN	MM	IN	MM		
6	7/37/.010	0.060	1.52	0.320	8.13	1000	113
4	7/52/.010	0.060	1.52	0.348	8.84	1000	147
2	12/52/.010	0.060	1.52	0.420	10.67	500	236
1	12/65/.010	0.080	2.03	0.503	12.78	500	313
1/0	19/52/.010	0.080	2.03	0.533	13.54	500	378
2/0	19/65/.010	0.080	2.03	0.586	14.88	500	463
3/0	19/81/.010	0.080	2.03	0.625	15.88	500	563
4/0	19/106/.010	0.080	2.03	0.720	18.29	500	734
250 MCM	19/133/.010	0.100	2.54	0.815	20.70	500	962

WELDING CABLE AMPACITY GUIDE:

GAUGE	50'	75'	100'	125'	150'	175'	200'	225'	250'	300'	350'
#6	100	100									
#4	150										
#2	200	150	100	100							
#1	250	200	150		100						
1/0	350	250	200	150		100	100				
2/0	400	300	250	200	150		100	100			
3/0	500	350	300	250	200	150	150			100	
4/0	550	450	350	300	250	200	200	150	150		100
250 MCM	1500	1000	600	500	400	300	200	250	200	200	150

*For intermittent use. Not for continuous use.

• Highly Flexible

Annealed 30 (0.010) gauge bare copper conductor, insulated with an EPDM jacket and paper separator

• Durable Jacket

Resists cuts, tears, abrasion, grease, oil, water, and flame

• PermaPrint™ Indent Printing

Customizable print that lasts a lifetime; available on all colors & sizes

• Operating Temperatures

Range from -50°C to + 105°C (-58°F to + 221°F)

• Rated to 600 Volts

• National Electrical Code article 630 electric welders

• Colors

Black, Blue, Green, Red, and Yellow jacket colors

• Stock Lengths

250 ft. and 500 ft. reels

• Custom Lengths

Available upon request

• Packaging Options

Coiled, boxed, and shrink-wrapped for 25, 50, or 100 ft. lengths

• Cable meets the UL VW-1 flame test outlined in UL1581

• Sequentially marked

• Class K stranding

• SAE J1127 Stranding

• Available pre-assembled with connectors

ToughFlex™ cable is appropriate for any welding application that requires leads, grounds, and stinger/whips.

KALAS MAILING ADDRESS
167 Greenfield Road
Lancaster, PA 17601

TULSA WAREHOUSE
1810 East Jasper St.
Tulsa, Oklahoma 74110

KALASWIRE.COM/INDUSTRIAL
P 717-335-0135

NOTE: Do not use for 600 volt in-line applications. Product for welding applications only. Specifications contained herein reflect current data and are subject to change. Values are nominal and/or approximate.

MADE IN USA

ISO 9001: 2015 CERTIFIED
ISO 14001: 2015 CERTIFIED

FlexWhip™

Industry's most flexible welding cable.

FlexWhip™ provides extra flexibility when needed where leads, stingers/whips, and grounds are used.

Annealed 34 gauge bare copper & paper separator offers *maximum flexibility*

Orange EPDM jacket resists cuts, tears, abrasion, grease, oil, water & flame for *optimal durability*

AVAILABLE:

- #2 - 2/0 stocked
- Stock 250 ft. & 500 ft. reels
- Custom lengths available
- Coiled, boxed, and shrink-wrapped packaging options for 25', 50', or 100' lengths



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SPECIFICATIONS:

GAUGE	STRANDING	INSULATION THICKNESS		NOMINAL O.D.		STANDARD PACKAGE	SHIPPING WEIGHT -LBS/ 1000 FT.
		IN	MM	IN	MM		
#2	19/78/34	0.065	1.65	0.424	10.77	500	235
#1	19/97/34	0.080	2.03	0.488	12.40	500	300
1/0	19/123/34	0.080	2.03	0.532	13.51	500	370
2/0	37/78/34	0.080	2.03	0.593	15.06	500	455

WELDING CABLE AMPACITY GUIDE:

GAUGE	50'	75'	100'	125'	150'	175'	200'	225'	250'	300'	350'
#2	200	150	100	100							
#1	250/300	200	150		100						
1/0	350	250	200	150		100	100				
2/0	400/450	300	250	200	150		100	100			

*For intermittent use. Not for continuous use.

• Industry's Most Flexible Welding Cable

Highly flexible stranded, annealed 34 gauge bare copper conductor insulated with a high grade RoHS compliant EPDM. A paper separator is utilized to enhance stripability.

• Durable Jacket

Resists cuts, tears, abrasion, grease, oil, water, and flame

• PermaPrint™ Indent Printing

Customizable print that lasts a lifetime

• Operating Temperatures

Range from -50°C to +105°C (-58°F to +221°F)

• Rated to 600 Volts

• National Electrical Code

article 630 electric welders

• Stock Lengths

250 ft. and 500 ft. reels

• Custom Lengths

Available upon request

• Sizes

#2 - 2/0

• Packaging Options

Coiled, boxed, or shrink-wrapped in 25, 50, or 100 ft. lengths

• Cable meets the UL VW-1 flame test outlined in UL1581

• Sequentially marked

• Class M stranding

• SAE J1127 Stranding

• Available pre-assembled with connectors

The design of FlexWhip™ welding cable provides superior flexibility when needed where leads, stingers/whips, and grounds are used.

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www.kalaswire.com/industrial

SOOW Power Cord

Portable control cord designed for heavy duty industrial use for indoor and outdoor applications.

S - SERVICE

OO - OIL RESISTANT INSULATED SINGLES
AND JACKETING MATERIAL

W - WEATHER AND WATER RESISTANT



AVAILABLE:

Stocked 250ft reels

8ga -12ga

(3 or 4 conductor construction)

Other Gauges and construction available upon request

UL rated

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SPECIFICATIONS:

PART NUMBER	GAUGE	STRANDING	INSULATION THICKNESS		NOMINAL O.D.		CURRENT AMPS	SHIPPING WEIGHT LBS./ 1000 FT.
			IN	MM	IN	MM		
530154.01.001	8/3	133/29	0.06	1.52	0.84	21.34	40	242
530155.01.001	8/4	133/29	0.06	1.52	0.945	24	35	299
530157.01.001	6/4	133/27	0.06	1.52	1.08	27.43	45	403
530156.01.001	6/3	133/27	0.06	1.52	0.98	24.89	55	510
530153.01.001	10/4	104/30	0.045	1.14	0.715	18.16	25	548
530152.01.001	10/3	104/30	0.045	1.14	0.66	16.76	30	721

- **Highly Flexible**
Bare stranded copper conductor insulated with EDPM and jacketed with EDPM conforming to UL and CSA.
- **Durable Jacket**
Resistant to oil, ozone, weather, sunlight and water
- **Operating Temperatures**
Range from -40°C to + 90°C (-40°F to + 194°F)
- **Rated to 600 Volts**
- **National Electrical Code article 400**
- **Stock Lengths**
250 ft. reels
- **Custom Lengths**
Available upon request
- **Sizes**
10/3, 10/4, 8/3, 8/4, 6/3, 6/4
- **UL 62 Flexible Cord;**
CSA Standard 22.2 No. 49;
MSHA Approved;
RoHS Compliant

Heavy Duty Flexible Cord for indoor and outdoor use including industrial machinery appliances, heavy-duty tools, motors, and temporary indoor and outdoor electrical power and lighting.

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SGT Battery Cable

Dependable manufacturer of bulk battery cable & power distribution assemblies for more than a half century.

SGT Battery Cable is used between the interconnection of battery terminals and the starter/grounding on boats, buses, cars, lift trucks, RVs, tractors and trucks.

S : Starter
G : General Purpose
T : Thermoplastic

AVAILABLE:

- Black and red colors
- #6 - 4/0 gauge
- Stock reels 250' & 500'
- Cut, coiled, boxed, shrink-wrapped in 25', 50', 100'
- Pre-assembled with connectors
- Private label and custom packaging

Meets SAE requirements



Go to www.kalaswire.com/industrial to see our complete portfolio of products.



- **Highly Flexible**
Thermoplastic Polyvinyl Chloride Jacket
- **Fully Annealed Soft-Drawn Copper**
- **Operating Temperatures**
Range from -40°C to +80°C
(-40°F to + 176°F)
- **Rated to 80°C**
- **Stock Colors**
Black and red jacket colors
- **Stock Lengths**
250 ft. and 500 ft. reels
- **Custom Lengths**
Available upon request
- **Sizes**
#6 - 4/0
- **Packaging Options**
Coiled, boxed, or shrink-wrapped in 25, 50, or 100 ft. lengths
- Constructed to meet the requirements of SAE J1127
- Available pre-assembled with connectors

SPECIFICATIONS:

GAUGE	STRANDING	COPPER CIRC. MIL AREA	NOMINAL COPPER DIAMETER	O.D.	AVG. WALL	WEIGHT/ 1,000 FT.
#6	133/.0137*	24963	.190	.310	.060	107 LBS.
#4	133/.0170*	38437	.245	.375	.065	153 LBS.
#2	133/.0218	63207	.308	.438	.065	248 LBS.
#1	133/.0243	78535	.350	.480	.065	308 LBS.
1/0	133/.0275	100581	.395	.525	.065	383 LBS.
2/0	133/.0309 *	126989	.445	.575	.065	470 LBS.
3/0**	1596/.010 *	159600	.485	.641	.078	578 LBS.
4/0**	2071/.010	207100	.555	.711	.078	745 LBS.

*Additional Stranding Available Upon Request.

** 105°C insulation operating temperature.

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MADE IN USA
ISO 9001: 2015 CERTIFIED
ISO 14001: 2015 CERTIFIED

GenFlex™ Type W

Portable Power Cable

GenFlex™ Type W is an ideal cable for mining, industrial, entertainment, heavy-duty service, temporary power supply, as well as motor, battery, & generator leads.

HIGHLY FLEXIBLE: Optimal ease of movement & coiling for transport and storage.

DURABLE: Resists abrasion, sunlight, chemicals, oil and water.

DEPENDABLE: UL Subject 1650, CSA PPC 22.2 - 96, National Electrical Code Articles 400 & NFPA 70, MSHA Flame Test Approved.

AVAILABLE:

- 4/0 stocked on 500' reels
- 2/0, 1/0, #2 stocked on 2,000' and 1,000' reels
- Custom lengths available
- Custom print legend in PermaPrint™ indent print that lasts a lifetime or inkjet available on all sizes.



Go to www.kalaswire.com/industrial to see our complete portfolio of products.

GenFlex™ Type W Portable Power Cable



SPECIFICATIONS:

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

- **Highly Flexible**
Annealed 30 gauge bare copper conductor, EPDM inner insulated with a high grade RoHS compliant CPE jacket
- **Superior Ease of Use**
Exceptional flexibility when coiling, transporting and storing cable
- **Highly Durable**
Resistant to abrasion, sunlight, chemical, oil and water
- **Operating Temperatures**
Range from -40°C to +90°C (-40°F to +194°F); Wet rating 90°C; 75°C oil resistant
- **Rated to 2000 Volts**
- **National Electrical Code**
article 400 and NFPA 70
- **UL Subject 1650, CSA PPC 22.2 - 96**
- **MSHA Flame Test Approved**
- **PermaPrint™ Indent Printing**
Lifetime lasting indented print
- **Custom Print Legend**
Available in surface or indent print upon request
- **Standard Packaging**
#8 - 4/0 - 500 reels;
2/0, 1/0, #2 - 1,000' & 2,000' reels
- **Sizes**
#8 - 4/0

Kalas Type W Cable offers superior flexibility for moving around objects & coiling for storage after temporary power requirements. Designed specifically for use in heavy duty & temporary power supply applications. Cable is also suitable for generator, motor, and battery leads as well as light to medium duty mining applications.

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RoHS: Kalas products are compliant with the requirements of the RoHS directive (2011/65/EU as amended).

105°C UL Listed SGR Battery & Welding Cable



SPECIFICATIONS:

GAUGE	STANDARD PART NUMBER	STRANDING	INSULATION THICKNESS		NOMINAL O.D.		STANDARD PACKAGE	SHIPPING WEIGHT -LBS/ 1000 FT.
			IN	MM	IN	MM		
6	300158.XX.XXX	7/37/010	0.060	1.52	0.310	7.87	1000	117
4	300159.XX.XXX	7/54/010	0.065	1.65	0.360	9.14	1000	155
2	300160.XX.XXX	12/54/010	0.080	1.83	0.473	11.53	1500	270
1	300161.XX.XXX	12/67/010	0.072	1.83	0.499	12.67	1000	320
1/0	300162.XX.XXX	19/54/010	0.072	1.83	0.554	14.07	1000	394
2/0	300163.XX.XXX	19/67/010	0.072	1.83	0.592	15.04	500	483
3/0	300164.XX.XXX	19/84/010	0.087	2.21	0.676	17.17	500	612
4/0	300165.XX.XXX	19/109/010	0.087	2.21	0.747	18.97	500	788

* Manufactured to SAE interpolated data

- **Highly Flexible**
Stranded No. 30 bare copper conductor
- **Durable Jacket**
High grade RoHS compliant 105°C EPDM; paper separator utilized to enhance strapability
- Resists acid, abrasion, alkalies, coolant, diesel fuel, ethanol, flame, gas, ozone, power steering fluid, oil, and transmission fluid
- **Operating Temperatures**
Range from -40°C to + 105°C (-40°F to + 221°F)
- **Rated to:**
UL SGR 60 Volts
Welding 600 Volts
- **Print Legend:** XXX GA E356116 TYPE SGR 105°C - - - EPDM WELDING CABLE 600V; Custom print options available upon request
- **Sizes**
#6 - 4/0
- **Packaging Options**
Stock lengths available in standard packaging
- **UL Approved product**
 - Constructed to meet the requirements of SAE J1127, UL 558, and UL 583
 - UL 4127 certified
 - Available pre-assembled with connectors

For use between battery terminal & starter in boats, buses, cars, lift trucks, RV's, tractors and trucks.

Approved for welding & grounding applications.

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ISO 14001: 2015 CERTIFIED

Welding Assemblies

Come standard with genuine Lenco® or Tweco® components.



STINGER welding line that includes the electrode holder



WHIP stinger made with ultra-flexible orange FlexWhip™ cable



GROUND cable running from the machine to the grounding surface, which completes the welding circuit

LEAD cable that starts at the machine and ends with a connector

Choose Kalas for Welding Cable and Value-Add Solutions.

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MADE IN USA



LC-10
LC-1040
LC-10MP
LC-40
LC-40HD
LC-70
LC-95
EG-200
EG-300
EG-500
"300"
"500"

LPG-300
AF-2
AF-25
AF-3
AF-35
AF-50
HT-2
HT-25
HT-3
HT-35
HT-50



Tweco

1-MPC
2-MPC
4-MPC
2-1MPC
2-WPC
4-WPC
SGC-300
SGC-500
FGC-300
FGC-500
GC-200
GC-300

GC-500
A-532
A-316
A-316MC
A-38HD
A-532MC
A-732
A-732MC
WS300E
WS400E
WS350E
WS732

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GROUND



LEAD



STINGER / WHIP

- **Available Pre-Assembled with**
Leads, Grounds, and Stingers/
Whips. Available with all highly
flexible welding cable products
- **Lenco® and Tweco® connectors**
stocked and readily available
- **Durable Jacket**
Resists cuts, tears, abrasion,
grease, oil, water, and flame
- **Colors**
Black, Blue, Green, Red, and
Yellow jacket colors available.
- **Lengths**
Come in standard 25', 50' and
100' lengths.
Custom lengths available.
- **Packaging Options**
Coiled, boxed and shrink-wrapped
packaging available

STOCK ASSEMBLIES TWECO	ITEM #	DESCRIPTION
1/0	10T1050B3334	1/0 BLK, 50' LGTH, 2MPC MALE/FEMALE
1/0	10T1100B3334	1/0 BLK, 100' LGTH, 2MPC MALE/FEMALE
2/0	20T1025B3334	2/0 BLK, 25' LGTH, 2MPC MALE/FEMALE
2/0	20T1050B3334	2/0 BLK, 50' LGTH, 2MPC MALE/FEMALE
2/0	20T1100B3536	2/0 BLK, 100' LGTH, 2MPC MALE/FEMALE
Stock Assemblies LENCO	Item #	Description
1/0	10T1050B0809	1/0 BLK, 50' LGTH, LC-40 MALE/FEMALE
1/0	10T1100B0809	1/0 BLK, 100' LGTH, LC-40 MALE/FEMALE
2/0	20T1050B0809	2/0 BLK, 50' LGTH, LC-40 MALE/FEMALE
2/0	20T1100B0809	2/0 BLK, 100' LGTH, LC-40 MALE/FEMALE

WELDING CABLE AMPACITY GUIDE:

GAUGE	50'	75'	100'	125'	150'	175'	200'	225'	250'	300'	350'
#6	100	100									
#4	150										
#2	200	150	100	100							
#1	250/300	200	150		100						
1/0	350	250	200	150		100	100				
2/0	400/450	300	250	200	150		100	100			
3/0	500	350/400	300	250	200	150	150			100	
4/0	550/600	450/500	350/400	300	250	200	200	150	150		100

Pre-assembled lead, grounds
and stinger/whips are ready-to-
use, saving you time and reduc-
ing labor hours.

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Contractor Cords

Comprehensive Portfolio of Industrial Grade Power Cords



12/3



10/3



8/3



TRIPLE TAP



EXTREME

Go to www.kalaswire.com/industrial to see our complete portfolio of products.

Custom Packaging

Branded labeling, private label print legends, and proprietary packaging available for cartons and reels.

CARTON

Crush proof design protects lengths up to 100'



REEL

Stock lengths 250' and 500';
special lengths by request



SHRINK WRAP

Added protection for your cable.
Available in all gauges in lengths up to 50'.

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Cable Your Way

Depend on Kalas for collaborative solutions tailored to your business.



Custom Colors



Custom Packaging



Custom Package Labeling



Private Label Print Legend



PermaPrint™ Customizable Indent Print

PLUS:

- Bar Coding
- Copper Programs
- Vendor Inventory Management
- Assemblies

ToughFlex™ Welding Cable

KALAS Industrial

Highly Flexible
Available in 20 (20) gauge bare copper conductor insulated with an EPDM jacket and copper braid.

Durable Jacket
Resists cuts, tears, abrasion, grease, oil, water and flame.

Operating Temperature
Range from -50°C to +105°C (-58°F to 221°F).

Rated to 600 Volts

Industrial Electrical Code
Article 480 electronic welders

Black Colors
Black, blue, green, red, and yellow jacket colors.

Black Lengths
250 ft and 500 ft. reels.

Custom Lengths
Available upon request.

Supply Options
Coiled, banded, and shrink-wrapped for 25, 50, or 100 ft. lengths.

Sequentially Marked
• Available pre-assembled with connectors.

ToughFlex cable is appropriate for any welding application that requires heat, sparks, and slag.

CABLE SPECIFICATIONS

TYPE	CONDUCTOR	INSULATION	THICKNESS	WEIGHT	RESISTANCE
1/2	20 (20)	EPDM	0.015	1.10 lb/100 ft	0.00012
3/4	18 (18)	EPDM	0.015	1.10 lb/100 ft	0.00012
1	16 (16)	EPDM	0.015	1.10 lb/100 ft	0.00012
1 1/2	14 (14)	EPDM	0.015	1.10 lb/100 ft	0.00012
2	12 (12)	EPDM	0.015	1.10 lb/100 ft	0.00012
2 1/2	10 (10)	EPDM	0.015	1.10 lb/100 ft	0.00012
3	8 (8)	EPDM	0.015	1.10 lb/100 ft	0.00012
3 1/2	6 (6)	EPDM	0.015	1.10 lb/100 ft	0.00012
4	4 (4)	EPDM	0.015	1.10 lb/100 ft	0.00012
4 1/2	3 (3)	EPDM	0.015	1.10 lb/100 ft	0.00012
5	2 (2)	EPDM	0.015	1.10 lb/100 ft	0.00012
5 1/2	1 (1)	EPDM	0.015	1.10 lb/100 ft	0.00012

AMPERAGE GUIDE:

TYPE	1/2	3/4	1	1 1/2	2	2 1/2	3	3 1/2	4	4 1/2	5
1/2	100	125	150	175	200	225	250	275	300	325	350
3/4	125	150	175	200	225	250	275	300	325	350	375
1	150	175	200	225	250	275	300	325	350	375	400
1 1/2	175	200	225	250	275	300	325	350	375	400	425
2	200	225	250	275	300	325	350	375	400	425	450
2 1/2	225	250	275	300	325	350	375	400	425	450	475
3	250	275	300	325	350	375	400	425	450	475	500
3 1/2	275	300	325	350	375	400	425	450	475	500	525
4	300	325	350	375	400	425	450	475	500	525	550
4 1/2	325	350	375	400	425	450	475	500	525	550	575
5	350	375	400	425	450	475	500	525	550	575	600

MADE IN AMERICA

Branded Ampacity Cards

Custom Collateral

Go to www.kalaswire.com/industrial to see our complete portfolio of products.

KALAS MAILING ADDRESS
167 Greenfield Road
Lancaster, PA 17601

TULSA WAREHOUSE
1810 East Jasper St.
Tulsa, Oklahoma 74110

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MADE IN USA

Selling Tools

Feature the quality of our cable at point of sale!

CHAIN SET



6" Stainless Steel
cable with screw-lock to
easily hang & handle set

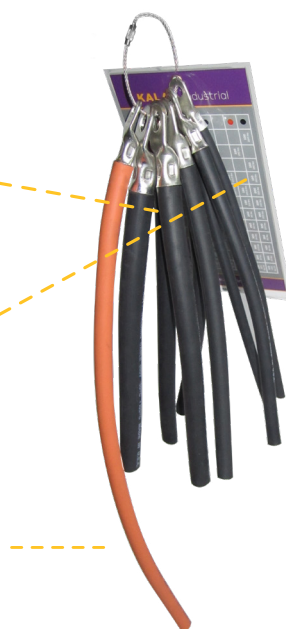
Actual Size
Gauge Diameter

Additional Product
Information

ToughFlex™ in
#6 - 4/0 Gauge

Ampactiy Chart to Support
Cable Selection

Extended FlexWhip™
Sample to Demonstrate
Extra Flexibility



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www.kalaswire.com/industrial

PermaPrint™

Customizable print that lasts a lifetime.

1/0 ToughFlex™ HEAVY DUTY WELDING

PERMAPRINT™ WILL NOT

melt, rub, wear or wash off!

INCREASED USER SAFETY

voltage & operating temperatures
always remain visible.

PERSONALIZE YOUR CABLE

with your company information.

AVAILABLE:

All Colors & Sizes

- ToughFlex™
- FlexWhip™
- PPE
- Type W
- Flex Cord

1/0 ToughFlex™ HEAVY DUTY WE

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Ampacity Chart

Choose the correct ampacity to suit your application.

GAUGE	50' (15.2m)	75' (22.8m)	100' (30.4m)	125' (38.0m)	150' (45.6m)	175' (53.3m)	200' (60.8m)	225' (68.4m)	250' (76.0m)	300' (91.2m)	350' (106.4m)
#6 .178 lbs./ft.	100 9 lbs.	100 13.5 lbs.									
#4 .221 lbs./ft.	150 16.5 lbs.										
#2 .263 lbs./ft.	200 14 lbs.	150 20 lbs.	100 27 lbs.	100 33 lbs.							
#1 .344 lbs./ft.	250 18 lbs.	200 25.8 lbs.	150 35 lbs.		100 52 lbs.						
1/0 .424 lbs./ft.	350 22 lbs.	250 32 lbs.	200 43 lbs.	150 52 lbs.		100 74.2 lbs.	100 85 lbs.				
2/0 .512 lbs./ft.	400 26 lbs.	300 38.4 lbs.	250 52 lbs.	200 64 lbs.	150 76.8 lbs.		100 102.4 lbs.	100 115.2 lbs.			
3/0 .624 lbs./ft.	500 32 lbs.	350 47.5 lbs.	300 64 lbs.	250 80 lbs.	200 95 lbs.	150 112 lbs.	150 126.8 lbs.			100 190 lbs.	
4/0 .800 lbs./ft.	550 40 lbs.	450 60 lbs.	350 80 lbs.	300 100 lbs.	250 200 lbs.	200 140 lbs.	200 160 lbs.	150 180 lbs.	150 180 lbs.		100 280 lbs.



SAVE TO YOUR PHONE

Scan the QR code then save the image to your phone's photos.

AMPACTIY CALCULATOR

Scan to access the ampacity calculator from your phone.



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MADE IN USA



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

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.

Welding Cable

TOUGHFLEX™ EPDM WELDING CABLE

EPDM Rubber
-50°C to 105°C
600 Volts
#6 - 250 MCM

FLEXWHIP™

EPDM Rubber
-50°C to 105°C
600 Volts
#2 - 2/0

Battery Cable

SGT BATTERY CABLE

SAE J1127
PVC -40°C to 80°C
60 Volts DC
#6 - 4/0

SGR BATTERY CABLE

EPDM
-40°C to 105°C
60 Volts DC
#6 - 250 MCM
SAE J1127
UL 558, 583

Flex Cord

SOOW POWER CORD

EPDM Jacket with EPDM Inners
-40°C to 90°C
600 Volts

Stocked in 250' lengths on the following constructions: 10/3, 10/4, 8/3, 8/4, 6/3, 6/4

Industrial Power

TOUGHFLEX™ TYPE SC ENTERTAINMENT CABLE

CPE
-50°C to 105°C
600 Volts
#8 - 4/0
NEC 520, 525, 530
UL 1680, CSA PPC 22.2 - 96

TOUGHFLEX™ TYPE W PORTABLE POWER CABLE

Dual insulated
EPDM Inner Insulated with CPE Jacket
-40°C to 90°C; 90°C Wet
2000 Volts
#8 - 4/0
NEC 400, NFPA 70
UL 1650, CSA PPC 22.2 - 96
MSHA Flame Test
Sun Res

PORTABLE POWER CABLE PPC/PPE

TPE
-40°C to 90°C Dry; 75°C Wet
2000 Volts
#8 - 300 MCM
UL MSHA

Contractor Cords

8/3

SJTW
PVC -40°C to 90°C
250 Volts DC
#30 Stranding
25' & 50' Lengths
Lighted End
NEMA 6-50 Plug Type

10/3

SJTW
PVC -37°C to 91°C
125 Volts DC
#30 Stranding
25', 50', 100' Lengths
Lighted End
NEMA 5-15R Plug Type

12/3

SJTW
PVC -37°C to 91°C
125 Volts DC
#30 Stranding
25', 50', 100' Lengths
Lighted End
NEMA 5-15P Plug Type

12/3 TRIPLE TAP

SJTW
PVC -37°C to 91°C
125 Volts DC
#30 Stranding
25', 50', 100' Lengths
Lighted End
NEMA 5-15P Plug Type

12/3 EXTREME

SJTW
PVC -70°C to 105°C
125 Volts DC
#30 Stranding
25', 50', 100' Lengths
Lighted End
NEMA 5-15P Plug Type

14/3 TROUBLE LIGHT

SJTW
PVC -37°C to 91°C
125 Volts DC
#30 Stranding
25' & 50' Lengths
NEMA 5-15 Plug Type

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RoHS: Kalas products are compliant with the requirements of the RoHS directive (2011/65/EU as amended).

NOTE: Do not use for 600 volt in-line applications. Product for welding applications only. Specifications contained herein reflect current data and are subject to change. Values are nominal and/or approximate.

MADE IN USA

ISO 9001: 2015 CERTIFIED
ISO 14001: 2015 CERTIFIED



WIRE, CABLE & Value-Add Solutions

ONE-STEP

We offer our customers a direct service model for unprecedented value.

COLLABORATIVE

Comprehensive engineering, product design, technical, sales & customer support personalized to satisfy the unique needs of each customer.

SOLUTIONS

Offering a wide range of wire, cable and custom assemblies in an assortment of colors with custom indent print and package capabilities.

QUICK SHIP

Shipments on stocked products, pre-assembled whips, leads, and grounds.

EXPERIENCE

Over a half century of experience drawing, bunching, stranding, and extruding wire & cable and terminating heavy-duty engineered cable assemblies.

QUALITY

Dedicated in-house testing capability and ISO certified for trusted manufacturing reliability.



KALAS HEADQUARTERS

167 Greenfield Road
Lancaster, PA 17601

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F 717 335-0846

MADE IN USA

ISO 9001, ISO 14001 CERTIFIED