



- 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

## 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.

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

**KALAS MAILING ADDRESS**  
 167 Greenfield Road  
 Lancaster, PA 17601

**KALASWIRE.COM/INDUSTRIAL**  
 P 717-335-0135

**LAS VEGAS WAREHOUSE**  
 4320 North Lamb Blvd.  
 Suite 300,  
 Las Vegas, Nevada 89115

**TULSA WAREHOUSE**  
 1810 East Jasper St.  
 Tulsa, Oklahoma 74110

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.

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

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