

TOUGHFLEX™ WELDING CABLE



FEATURES

- Special stranding and packaging are available upon request
- Oil Resistant
- Resistant to Flame
- Customizable PermaPrint™ indent print that lasts a lifetime and inkjet print are available on all colors & sizes
- Halogen Free, all colors except green
- Cable meets the UL VW-1 flame test outlined in UL1581
- SAE J1127 Stranding

APPLICATIONS

- Secondary voltage resistance welding cable leads
- Temporary power uses
- National Electrical Code article 630 electric welders
- Power supply applications not exceeding 600 volts AC
- Copper meets SAE standards.

CONSTRUCTION

Highly flexible stranded No. 30 bare copper conductor insulated with a high grade RoHS compliant EPDM. A paper separator is utilized to enhance stripability. Maximum conductor operating temperature is 105°C in circuits not exceeding 600 Volts. Minimum temperature rating is -50°C. Class K stranding.

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GAUGE	STRANDING	INSULATION THICKNESS		Nominal O.D.		STANDARD PACKAGE	SHIPPING WEIGHT -LBS/ 1000 FT.
		in	mm	in	mm		
8	7/24/.010	0.070	1.78	0.300	7.62	1000	87
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

Please contact your Kalas representative to discuss ampacity and voltage drop values based on NEC standards.

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