

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 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 | STANDARD PART NUMBER | STRANDING (NUMBER OF STRANDS) | INSULATION THICKNESS | | Nominal O.D. | | STANDARD PACKAGE | SHIPPING WEIGHT -LBS/ 1000 FT. |
|---------|----------------------|-------------------------------|----------------------|------|--------------|-------|------------------|--------------------------------|
| | | | in | mm | in | mm | | |
| 8 | 640070 | 7/24/.010 (168) | 0.070 | 1.78 | 0.300 | 7.62 | 1000 | 87 |
| 6 | 640069 | 7/37/.010 (259) | 0.060 | 1.52 | 0.320 | 8.13 | 1000 | 113 |
| 4 | 640068 | 7/52/.010 (364) | 0.060 | 1.52 | 0.348 | 8.84 | 1000 | 147 |
| 2 | 640067 | 12/52/.010 (624) | 0.060 | 1.52 | 0.420 | 10.67 | 500 | 236 |
| 1 | 640066 | 12/65/.010 (780) | 0.080 | 2.03 | 0.503 | 12.78 | 500 | 313 |
| 1/0 | 640065 | 19/52/.010 (988) | 0.080 | 2.03 | 0.533 | 13.54 | 500 | 378 |
| 2/0 | 640064 | 19/65/.010 (1235) | 0.080 | 2.03 | 0.586 | 14.88 | 500 | 463 |
| 3/0 | 640063 | 19/81/.010 (1539) | 0.080 | 2.03 | 0.625 | 15.88 | 500 | 563 |
| 4/0 | 640062 | 19/106/.010 (2014) | 0.080 | 2.03 | 0.720 | 18.29 | 500 | 734 |
| 250 MCM | 640072 | 19/133/.010 (2527) | 0.100 | 2.54 | 0.815 | 20.70 | 500 | 962 |

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