

INDUSTRITE™ Welding

Welding cable / 90° C / 4 to 4/0 AWG / thermoset CPE jacket / 600V



Applications

INDUSTRITE™ WELDING Cable is designed and manufactured for use in welding and other flexing applications where flame, abrasion, chemicals, moisture, impact, tearing, and temperature extremes are considerations.

Applications include welding electrode leads, welding stingers, welding ground leads, battery cable, bus welding boxes, jumper cables, ground cables, lift trucks, and other portable power applications where extreme flexibility is required.

Specifications and Ratings

- Rated for use in DC welding
- Continuous operation at 600 volts with 90°C conductor temperatures.
- ETL listed in accordance with UL 1276
- 600V CSA Certified Arc Welding Cable or Portable Power Cable
- Passes CSA FT-1 and FT-5 Flame Tests
- Approved by MSHA for sizes of 2 AWG and larger



Design Parameters

CONDUCTORS: Extra-flexible rope stranding (Class M) soft-drawn uncoated copper, per ASTM B-3, ASTM B-172, and UL-62 for high flexibility, increased flex-life and reduced copper fatigue/ conductor breakage.

SEPARATOR: Paper separator for easy stripping.

INSULATION / JACKET: Bright orange oil and flame resistant thermoset CPE composite insulation/ jacket per ANSI/NEMA WC58 ICEA S-75-381 for excellent physical /electrical properties, good visibility for safety, suitable for use indoors and outdoors in severe flexing applications where oil, chemicals, and extreme temperatures are considerations.



Construction Options

INDUSTRITE™ welding cable is available in a variety of colors.

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Prysmian Group

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Part Number	Conductor Size	Stranding	Nominal Cable O.D. in (mm)	Ampacity ¹	Approximate Cable Weight Lbs/Mft (Kg/Km)
029452	4 AWG	1064/34	.455 (11.56)	140	208 (309)
029356	2 AWG	1666/34	.540 (13.72)	190	320 (476)
029453	1 AWG	2107/34	.600 (15.24)	220	380 (565)
029354	1/0 AWG	2646/34	.660 (16.76)	260	495 (737)
029416	2/0 AWG	3325/34	.730 (18.54)	300	595 (885)
029355	3/0 AWG	4256/34	.800 (20.32)	350	767 (1139)
029357	4/0 AWG	5320/34	.870 (22.10)	405	880 (1324)

¹Ampacities for portable cable, continuous duty 30°C ambient, 90°C conductor temperature.

The data herein is approximate and subject to normal manufacturing tolerances. These specifications are subject to change without notice.

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