



# Draka

## AUTO-FLEX™ 360 Welding Cable

highly flexible / single conductor / 90° C / 4 to 4/0 AWG / thermoset CPE jacket / 600V



### Applications

AUTO-FLEX™ 360 cables are specially designed for installation on welding robots with 360° articulation. They utilize a unique copper conductor stranding and a slim, reduced diameter to exceed even the most extreme bend radius in a transgun welding dress-out. AUTO-FLEX 360 installs easily and offers a cost-saving alternative to traditional transgun welding cables.

### Features

#### 1. 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.

#### 2. SEPARATOR

Paper separator for easy stripping

#### 3. INSULATION/JACKET

Bright yellow 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.



### 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

### Construction options

AUTO-FLEX 360™ welding cable is available in a variety of colors.

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Part Number	Conductor Size	Stranding	Nominal Cable O.D. in (mm)	Ampacity <sup>1</sup>	Approximate Cable Weight Lbs/Mft (Kg/Km)
032442	4 AWG	1064/34	.455 (11.56)	140	208 (309)
032443	2 AWG	1666/34	.540 (13.72)	190	320 (476)
032444	1 AWG	2107/34	.600 (15.24)	220	380 (565)
032445	1/0 AWG	2646/34	.660 (16.76)	260	495 (737)
032446	2/0 AWG	3325/34	.730 (18.54)	300	595 (885)
032447	3/0 AWG	4256/34	.800 (20.32)	350	767 (1139)
032448	4/0 AWG	5320/34	.870 (22.10)	405	880 (1324)

<sup>1</sup>Ampacities 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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