



PRODUCT DATA SHEET

Controlled Document - Engineering Drive

1530 Shields Drive
 Waukegan, IL 60085
 Toll-Free (800) 323-9355
 Fax: (847) 689-1192

ROYAL[®] / SUPER EXCELENE[®] WELDING CABLE

Construction Parameters:

CONDUCTOR: 6 AWG - 4/0 AWG stranded bare copper
INSULATION: Chlorinated Polyethelene (CPE)
COLORS: Black
PRINT LEGENDS: E178457 XX AWM (UL) ROYAL  SUPER EXCELENE WELDING CABLE 90C (-50C) OIL RESISTANT 600V
 -- MADE IN USA

PHYSICAL PROPERTIES:

TEMPERATURE RANGE: -50°C to 90°C

ELECTRICAL PROPERTIES:

VOLTAGE RATING: 600V rms, Max

Industry Approvals:

- o ASTM B-172
- o UL 1276
- o National Electrical Code Article 630

Applications & Features:

- o Designed for use as welding leads from the secondary side of the power source - typical of arc welders and welding generators.
- o Flexible lead cable; electrode to welder unit, battery cables, and temporary and permanent lead cables.
- o Ozone, sun, weather and chemical resistant.

Part Number	AWG	No. Cond.	Stranding	Insulation Wall, Nom.		O.D., Nom.		Net Weight		Nom. DCR $\Omega/1M'$
				Inches	mm	Inches	mm	Lb./kft.	kg/km	
F06016	6	1	266/30	0.080	2.03	0.359	9.12	145	216	0.41
F04038	4	1	420/30	0.080	2.03	0.414	10.52	205	305	0.26
F03009	3	1	525/30	0.080	2.03	0.455	11.56	253	377	0.21
F02033	2	1	644/30	0.080	2.03	0.482	12.24	295	439	0.17
F01020	1	1	833/30	0.080	2.03	0.522	13.26	357	531	0.13
F1T010	1/0	1	1026/30	0.090	2.29	0.582	14.78	456	679	0.11
F2T008	2/0	1	1330/30	0.090	2.29	0.637	16.18	555	826	0.08
F3T045	3/0	1	1672/30	0.090	2.29	0.670	17.02	650	967	0.06
F4T009	4/0	1	2052/30	0.090	2.29	0.750	19.05	764	1137	0.05

Note: All dimensions & weights are nominal subject to industry standards and tolerances unless otherwise noted.

The customer will accept all factory lengths and +/- 10 percent of total order requested.

The information presented here is, to the best of our knowledge, true and accurate. Since conditions of use are beyond Coleman Cable's control all product data presented is for informational purposes only and does not create a binding obligation or liability on Coleman Cable or confer any rights on any customer. The sale of products(s) is conditioned upon acceptance of a purchase order subject to Coleman disclaims all liability in connection with the use of information contained herein or otherwise.

This specification is proprietary intellectual property of Coleman Cable. Any information contained herein shall not be disclosed to any party without written consent of Coleman Cable.

Customer Company Name: _____

Date: _____

Customer Approval: _____

Customer Title: _____

Specification Issue Date: September 26, 2013