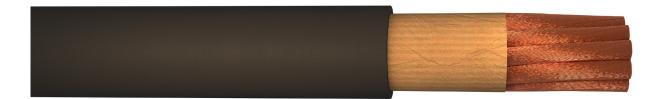
FLEX-A-PRENE® INDUSTRIAL WELDING CABLE





Applications

Direct's Flex-A-Prene® is the industry's most recognized brand name of industrial welding cable. Highly durable and versatile, the cable is designed for use in stingers/ whips, leads, and ground clamp welding assemblies as well as battery applications such as chargers and wire harnesses. Flex-A-Prene is SAE J1127 (#6 to 250 MCM) and RoHS compliant and manufactured in the USA.

Construction

- Rope-lay, bunch-stranded 30 AWG SAE copper conductor
- Wrapped paper separator
- Jacketed with proprietary LSHF EPDM compound
 See reverse for construction details and technical specifications

FLEX-A-PRENE | INDUSTRIAL WELDING CABLE

AWG SIZE ¹	# COND STRAND	NOMINAL INSULATION THICKNESS		NOMINAL OUTSIDE DIAMETER (+JACKET)		APPROX
	/ DIAM (OR) GA	INCHES	ММ	INCHES	MM	LBS PER 1K'
#8	182 / 30	.060	1.52	.280	7.11	80
#6	260 / 30	.060	1.52	.308	7.82	108
#4	364 / 30	.060	1.52	.343	8.71	147
#2	624 / 30	.060	1.52	.428	10.87	238
#1	767 / 30	.080	2.03	.488	12.40	299
1/0	975 / 30	.080	2.03	.533	13.54	369
2/0	1,196 / 30	.080	2.03	.568	14.43	443
3 / 0	1,547 / 30	.080	2.03	.618	15.70	556
4/0	1,950 / 30	.080	2.03	.688	17.48	696
250 MCM	2,432 / 30	.095	2.41	.806	20.47	900
350 MCM	3,330 / 30	.095	2.41	.908	23.06	1,203
500 MCM	4,847 / 30	.095	2.41	1.054	26.77	1,884
4/0 HD	1,950 / 30	.167	4.24	.860	21.84	810

 $^{^1\}mathrm{SAE}$ J1127 standard does not apply to #8 AWG, 350 MCM, 500 MCM, and 4/0 HD.











FLEX-A-PRENE® INDUSTRIAL WELDING CABLE

TECHNICAL SPECIFICATIONS

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Conductors

Rope-lay, bunch-stranded 30 AWG SAE copper conductor

Voltage Rating

600 V

Insulation & Jacket

- Wrapped paper separator
- Jacketed with proprietary low-smoke, halogen-free EPDM compound
- Resistant to abrasion, battery acid, diesel fuel, engine coolant, engine oil, ethanol, extreme temperatures, flame, gasoline, power-steering fluid, and transmission fluid

Temperature Range

-50°C (-58°F) to 105°C (221°F)

Standards & Certifications

Industry Approvals

- SAE J1127 Compliant (#6 to 250 MCM)
- NEC Article 630 (Electric Welders)
- Suitable for battery use per UL 558 and 583
- REACH, RoHS, CMRT, and Prop 65 Compliant

Standard Stock

Available Lengths

- Coils/Assemblies at 25', 50', 100', and 250'
- Reels at 500', 1,000', and 2,500'
- · Custom lengths available upon request

· Custom colors available upon request

Customization

Jacket Colors

- Black(standard)
 Blue
 Green
 Red
 Yellow
 Orange



Sample Print Legend

 {AWG SIZE} FLEX-A-PRENE WELDING CABLE 600V -50°C +105°C * MADE IN USA * RoHS * **SAE J1127**

Marking Options

Quick Print®; Surface Print; Indent Print; Logo/Icon; Sequential Marking

