

## EASYARC® 7016

### TYPICAL APPLICATIONS

EASYARC® 7016 is a multi-purpose electrode with excellent operator appeal. EASYARC® 7016 can be used for general construction welding applications such as bridges, buildings, shipbuilding and pressure vessels. EASYARC® 7016 can also be used for the construction or repair of earth moving or farm equipment. EASYARC® 7016 is excellent for the welding of medium carbon steel, low alloy, and thick plate such as (ASTM A131) Grade A, B, D and E ship plates.

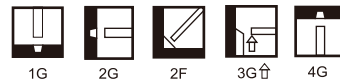
### TOP FEATURES

EASYARC® 7016 is a low-hydrogen type electrode for all-position welding of mild and low alloy steels. The easily controlled arc of EASYARC® 7016 makes it easy to use on either AC or DC polarity. EASYARC® 7016 offers excellent mechanical properties and crack resistance. It is also easy to strike and restrike.

### CONFORMANCE

· AWS/ASME A5.1/SFA5.1 E7016

### WELDING POSITIONS



### DIAMETERS / PACKAGING

Diameter x Length(mm x mm)	Weight /Inner box (KG)	Weight / Outer carton (KG)
2.5*300	5/2.5	20
3.2*350	5/2.5	20
4.0*400	5/2.5	20
5.0*400	5/2.5	20

### MECHANICAL PROPERTIES

Electrode	Yield Strength (MPa)	Tensile Strength (MPa)	Elongation (%)	Charpy V-Notch, (J @ -30 °C)
AWS A5.1 E7016 Requirement	min. 400	min. 490	min. 22	min. 27
Typical Values	470	560	24.5	108

### CHEMICAL COMPOSITION

	C%	Mn%	Si%	S%	P%
AWS E7016 Requirement [%] Max.	0.15	1.60	0.75	0.035	0.035
Typical Values [%]	< 0.08	1.00-1.20	0.3-0.45	< 0.020	< 0.025

EASYARC® 7016

TYPICAL OPERATING PROCEDURES

Diameter x Length (mm x mm)		2.6x300	3.2 x 350	4.0x400	5.0 x 400
Current (A)	AC	55-85	90-140	140-180	180-240
Current (A)	DC+	50-80	80-120	130-160	160-200

Customer Assistance Policy

The business of The Lincoln Electric Company is manufacturing and selling high quality welding equipment, consumables, and cutting equipment. Our challenge is to meet the needs of our customers and to exceed their expectations. On occasion, purchasers may ask Lincoln Electric for advice or information about their use of our products. We respond to our customers based on the best information in our possession at that time. Lincoln Electric is not in a position to warrant or guarantee such advice, and assumes no liability, with respect to such information or advice. We expressly disclaim any warranty of any kind, including any warranty of fitness for any customers particular purpose, with respect to such information or advice. As a matter of practical consideration, we also cannot assume any responsibility for updating or correcting any such information or advice once it has not been given, nor does the provision of information or advice create, expand or alter any warranty with respect to the sale of our products.

Lincoln Electric is a responsive manufacturer, but the selection and use of specific products sold by Lincoln Electric is solely within the control of, and remains the sole responsibility of the customer. Many variables beyond the control of Lincoln Electric affect the results obtained in applying these types of fabrication methods and service requirements.

Subject to change - This information is accurate to the best of our knowledge at the time of printing. Please refer to [www.lincolnelectric.com.cn](http://www.lincolnelectric.com.cn) for any updated information.

Authorized Distributor:

THE NANJING LINCOLN ELECTRIC CO., LTD.

No.18 Baoxiang Road,Bingjiang Economic Development Zone,Jiangning District,Nanjing,Jiangsu,China 211100

TEL:86-25-8418 8377

FAX:86-25-8641 8809

[www.lincolnelectric.com](http://www.lincolnelectric.com)