



**LINCOLN**  
**ELECTRIC**



**CONARC 48**  
Improved E7018-1 H4R welding experience

# CONARC 48

AWS A5.1 E7018-1 H4R

ISO 2560-A E 46 4 B 42 H5

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**ELECTRIC**



## EXCELLENT WELDING PERFORMANCE PROVIDING THE BEST WELDING RESULTS.

A basic coated electrode for high-quality welds that require high weld deposit toughness. The Conarc 48 has very good running characteristics in root, as well in filling passes.

Suitable for welding in; general steel construction, oil & gas, boiler, pressure vessels, pipelines, offshore rigs, and power plants.

## Benefits:

### Optimal weldability and 120% efficiency in high productivity:

- High precision arc control and outstanding penetration in root pass
- Optimal for both root and filling passes
- Available in vacuum pack
- DNV approvals
- Metal recovery 120%
- Good weldability for 'out-of-position' welds. Meets the tough requirements of the 'absorbed moisture test', ["H4R"]

## Chemical composition (W%) all weld metal (typical)

C	Mn	Si	P	S	Cr	Ni	Mo
0.07	1.2	0.3	0.015	0.010	<0.1	<0.1	<0.1

## Mechanical properties all weld metal

Conditions	Re, MPa	Rm, MPa	A, %	CVN @-50°C, J
As Welded	500	610	32	90

## Welding Positions

(ISO/ASME)





## VACUUM PACKAGING AVAILABLE

Conarc 48 is available in vacuum packaging in order to deliver the best performance

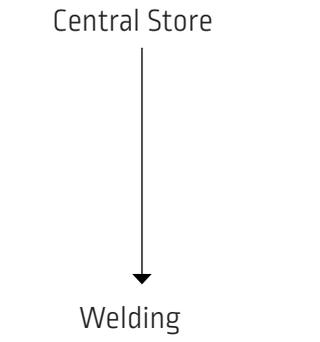
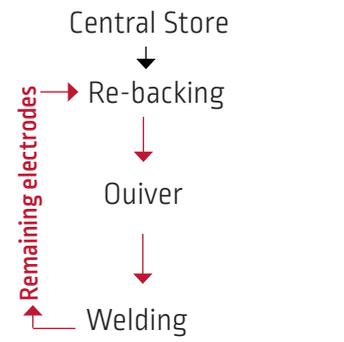


To order

Item number#	D, mm	L, mm	Packaging	kg
503609-3	2.00	300	Protech Vacuum Pack	1,6
503616-3	2.50	350	Protech Vacuum Pack	2
503630-3	3.20	450	Protech Vacuum Pack	2,5
503652-3	4.00	450	Protech Vacuum Pack	2,6
503661-3	5.00	450	Protech Vacuum Pack	2,5

### STANDARD PACKAGING

### PROTECH VACUUM PACK



## **CUSTOMER ASSISTANCE POLICY**

The business of Lincoln Electric 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 information or advice about their use of our products. Our employees respond to enquiries to the best of their ability based on information provided to them by the customers and the knowledge they may have concerning the application. Our employees, however, are not in a position to verify the information provided or to evaluate the engineering requirements for the particular weldment. Accordingly, Lincoln Electric does not warrant or guarantee or assume any liability with respect to such information or advice. Moreover, the provision of such information or advice does not create, expand, or alter any warranty on our products. Any express or implied warranty that might arise from the information or advice, including any implied warranty of merchantability or any warranty of fitness for any customers' particular purpose is specifically disclaimed.

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..

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