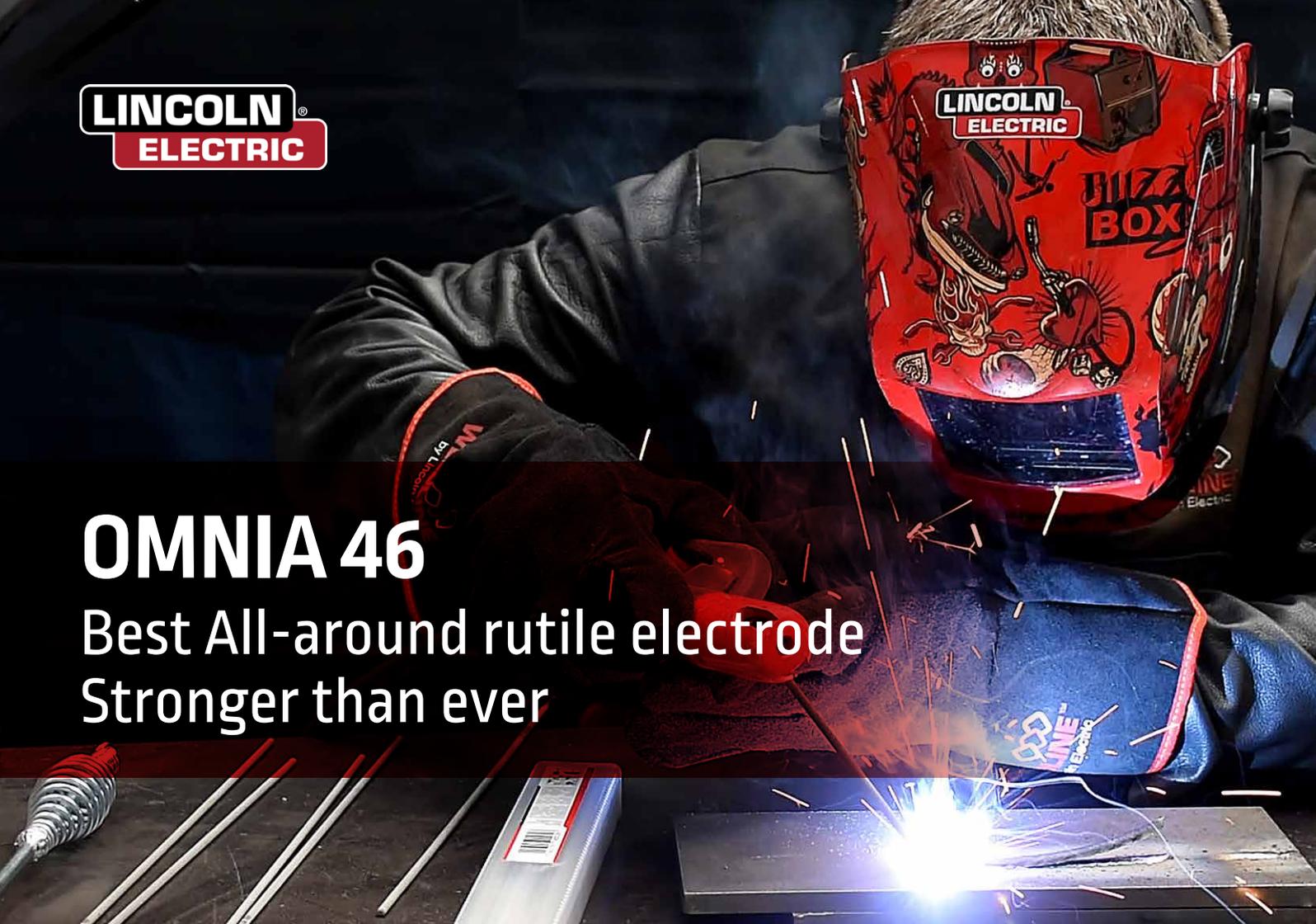




LINCOLN[®]
ELECTRIC

OMNIA 46

Best All-around rutile electrode
Stronger than ever



OMNIA 46

AWS A5.1 E6013
ISO 2560-A E 42 0 R 11

LINCOLN
ELECTRIC

■ Fulfill your weld tasks with Omnia 46 2.0



**Lincoln Electric
no 1. rutile
electrode
for 30 years!**

- Suitable for all welding positions = making welding on site more accessible!
- Excellent arc strike = suitable for a range of welder abilities!
- Perfect for tack welding and small repairs!
- Optimal slag removal = reduces rework!
- Excellent weld pool control, good weld bead wetting and almost no spatter = superior finish!
- Wide packaging offer
- Starting from 1,6mm = suitable for hobby market and DIY
- Full stock availability



OMNIA 46

AWS A5.1 E6013
ISO 2560-A E 42 0 R 11



Buy as many as you want

Widest packaging possibilities on the market

Material Number	Material Description	Diameter	Length	Packaging	Packaging Weight Kg	Packaging
599993-1	OMNIA 46	1.60	250	LINC-PACK	0,8	140
609068	OMNIA 46	2.00	300	LINC-PACK	1	94
609070	OMNIA 46	2.50	350	LINC-PACK	1	52
609093	OMNIA 46	3.20	350	LINC-PACK	1	33
800358-1	OMNIA 46	2.50	350	CBOH	2,1	110
800372-1	OMNIA 46	3.20	350	CBOH	2,3	75
599993	OMNIA 46	1.60	250	CBOX	0,8	130
609059-1	OMNIA 46	2.00	300	CBOX	4,0	390
609060	OMNIA 46	2.50	350	CBOX	4,8	250
609061	OMNIA 46	3.20	350	CBOX	5,3	175
609062	OMNIA 46	3.20	450	CBOX	6,2	150
609063	OMNIA 46	4.00	350	CBOX	5	102
609064	OMNIA 46	4.00	450	CBOX	5,9	93
609065	OMNIA 46	5.00	450	CBOX	5,8	56



**Lincoln Electric
no 1. rutile
electrode
for 30 years!**

Advantages:

- Rutile general purpose, all positions electrode, excellent for downhand and vertical up welding
- Applicable for both “clean” and rusty structural steel
- Smaller diameters excellent for hobby market
- Almost no spatter, nice wetting and full weld pool control
- The very smooth arc, with good control and low spatters level, provides excellent bead appearance
- Very suitable for low open circuit voltage transformers (min. OCV 42 V)

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

C	Mn	Si
0.06	0.5	0.45

Mechanical properties, typical, all weld metal

Re, MPa	Rm, MPa	A, %	CVN @0°C, J
460	570	27	65

Welding positions (ISO/ASME)



PA/1G



PB/2F



PC/2G



PF/3Gu



PE/4G



PH/5Gu



PG/3Gd



PJ/5Gd

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 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.

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Subject to Change – This information is accurate to the best of our knowledge at the time of printing. Please refer to www.lincolnelectric.eu for any updated information.



www.lincolnelectric.eu

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