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LINCOLN 7016DR

THE ONLY TRUE DOUBLE COATING



UNDERSTANDING DOUBLE-COATED TECHNOLOGY

WHAT IS DOUBLE COATING

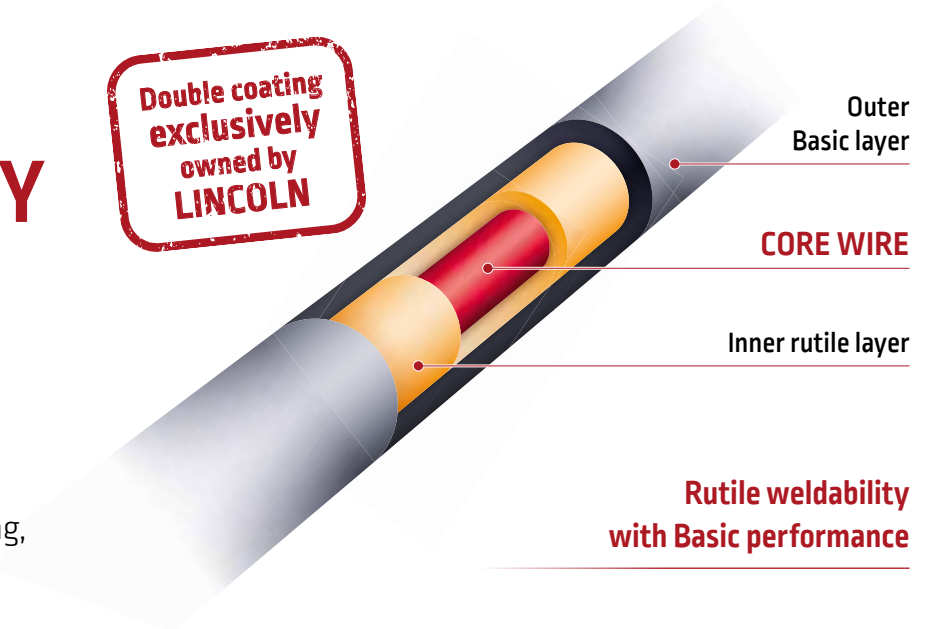
A double-coated electrode consists of two separate layers:

- The “outer layer” with higher basicity
- The rutile type “inner layer”

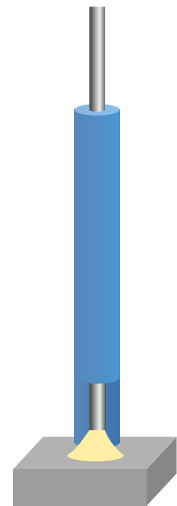
The arc-stabilizing minerals and metal powders are concentrated in the inner coating, and the minerals delivering the gas shielding are concentrated in the outer coating.

This combination enables unique weldability characteristics.

Double coating exclusively owned by LINCOLN

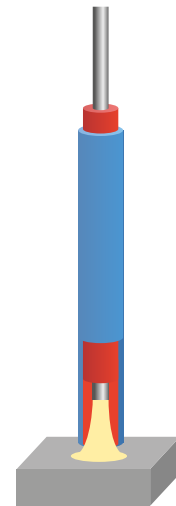


Basic single coated electrode



Less concentrated arc

Double coated electrode



Easier to control, more concentrated, rigid arc

ADVANTAGES

CHARACTERISTIC

- Extremely stable arc
- Easy weld pool control
- Insensitive to the effects of arc blow
- Excellent weldability in Vertical Up
- Easy slag removal
- Excellent arc striking
- Few spatters, no sticking
- Smooth bead appearance
- More concentrated arc
- High arc force
- High stability at very low welding current setting

CUSTOMER BENEFITS

- Easy to be used, even for beginners
- Reduced post-welding reworking
- Ideal for root passes even with poor joint preparation and irregular gaps
- Deeper penetration
- Reduced risks of lack of fusion
- Wider array of equipment can be used
- Stability at low amperage when welding with low heat inputs

LINCOLN 7016DR multi-purpose MILD STEEL STICK ELECTRODE

Extremely flexible Mild Steels applications [S(P) 235; S(P) 355; GP 240; GP 280; L 245 and L 260] from structural steelwork to piping. The composition of double coating allows for exceptional weldability. Particularly suitable for root passes: highly stable and directional arc facilitates high gaps bridging and irregular gaps welding in Vertical up position.

- Very stable arc, insensitive to the effects of arc blow
- High penetration
- Excellent operator appeal
- Exceptional wetting even at low amperages
- High flexibility for irregular gaps

Double coating provides more stable and directed arc, making the electrodes particularly suitable in challenging cases, such as bad preparation, misalignment, or big gaps between plates or pipes.



For more information



Ordering information

Ø (mm)	AWS A 5.1	ISO 2560-A	Length (mm)	Cardboard box Reference
2.5	E7016-H8	E 38 3 B 12 H10	350	829275
3.2			350	829276
3.2			450	829277
4.0			450	829278

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 inquiries 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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