

CARBOFIL & ULTRAFIL



MILD STEEL MIG WIRES

The right choice of solid
wire for all applications

CARBOFIL & ULTRAFIL

With more than 40 years of experience in solid wire production from raw material to finished products, OERLIKON provides you with a wide range of unalloyed solid wires, all with the consistent product quality that you should expect. The full range of products is available in different diameters and packagings - from spools to drums - to ensure that you can find the right product for your needs.

The right choice of wire is the key to improve productivity, efficiency and profits.



CARBOFIL ELITE

Our premium product for the most demanding applications

Special coated wires for the most exigent customers welding at very high parameters. Controlled chemical composition and production process for the optimal bead profile.

SEGMENTS

› Heavy Fabrication › Automotive



CARBOFIL GOLD / CARBOFIL

Our solution for productivity and efficiency in all applications

Special coated wires to be used where a reliable consumable is required. Controlled chemical composition and best surface quality, free from residuals.

SEGMENTS

› Heavy Fabrication › Infrastructures



ULTRAFIL

Our general purpose proposal

Copper coated wires suitable for all type of general manual applications. The best product for everyday use.

SEGMENTS

› General Fabrication › Metallic Construction



PRODUCT ADVANTAGES

- › Exceptional arc stability
- › Low presence of spatters and silicates for a clean bead profile
- › Ideal for mechanized welding and complex setups, also with long liners



Packaging Solutions

All our wires are available both in spools of 16kg (B300/BS300) and different bulk packaging solutions. Our range of drums has a capacity varying from 300 kg to 800 kg.



PRODUCT ADVANTAGES

- › Excellent electrical contact that gives tight and stable arc
- › Enhanced feedability and weldability
- › Suitable both for manual and mechanized welding



PRODUCT ADVANTAGES

- › Good performances in terms of feedability and weldability
- › Optimized value for money



OERLIKON Product	EN ISO Classification	AWS Classification
CARBOFIL	14341-A: G 38 3 C1 2Si1 G 42 3 M21 2Si1	A 5.18: ER 70S-3
ULTRAFIL 1		
CARBOFIL 1	14341-A: G 42 3 C1 3Si1	
CARBOFIL 1 GOLD	G 42 4 M21 3Si1	
CARBOFIL 1 ELITE		
ULTRAFIL 1A		
CARBOFIL 1A	14341-A: G 46 3 C1 4Si1	A 5.18: ER 70S-6
CARBOFIL 1A GOLD	G 46 4 M21 4Si1	
CARBOFIL 1A ELITE		
CARBOFIL 1A LT ELITE	14341-A: G 46 4 C1 4Si1 G 46 5 M21 4Si1	



www.oerlikon-welding.com

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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