ULTRACORE® BRAND
FERRO CALCIUM CORED WIRE

Calcium is a powerful modifier of oxides and sulfides. It transforms alumina inclusions into complex calcium aluminate compounds thereby improving the castability of continuous cast steels. This transformation also minimizes deposits of solid inclusions inside tundish nozzles, preventing clogging.

For steel grades where Si content is limited, such as deep drawing grades, Ferro Calcium is an excellent alternative for Ca treatment of Si restricted steel.

Globe Metales, S.A. produces Ferro Calcium Cored Wire, in various diameters to accommodate customers' injection machines and ladle size requirements.

CHEMICAL COMPOSITION:

Element	Guaranteed Range	Typical Analysis
Ca (%)	28.5 – 31.5	30.0
Fe (%)	67.5 - 73.5	70.0

The table below delineates ferro calcium content per unit length of 13 mm wire in both metric and Imperial units.

Diameter (*)	Grams/meter	Gr Ca/meter	Gr Fe/meter
13 mm	230 +- 5%	69 +- 5%	161 +- 5%

Diameter (*)	lb/ft	lb Ca/ft	lb Fe/ft
0.51 in (13 mm)	0.157 +- 5%	0.047 +- 5%	0.11 +- 5%

SIZING:

Ferro Calcium Cored Wire is available in a variety of diameters and lengths. Both vertical and horizontal axis orientations are provided to suit customer's particular feeding system. Typical Free Coil dimensions are shown below (ex.13 mm/0.15 in):

Diameter	Length	Internal Diameter	External Diameter	Width
13 mm	3000 m	500/600 mm	1100 mm	1000 mm

Diameter	Length	Internal Diameter	External Diameter	Width
0.51 in (13 mm)	9,840 ft	1.64/1.97 ft	3.61 ft	3.29 ft

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Customer Service: 800-8-GLOBE-8

PACKAGING:

For protection from moisture and damage during transportation and storage, coils are encased in a steel basket, placed on wooden pallets and shrink wrapped in plastic film. Ten coils can be shipped in a 20 ft sea container. Other packing options are available upon request.

QUALITY:

Ferro Calcium Cored Wire is produced under Quality Controlled conditions in our San Luis Manufacturing Plant, certified to ISO9000/2000

MATERIAL SAFETY DATA SHEET:

Available to Globe customers. Please ask your sales representative.

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