

Calcium HDx™



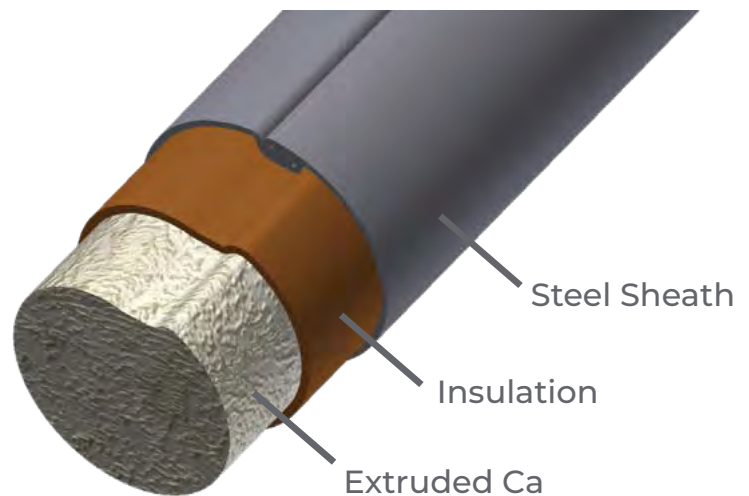
PURE CALCIUM TREATMENT

Calcium HDx™ cored wire features a unique "thermos" design consisting of an insulated inner strip wrapped in dual steel casings that delivers pure calcium deeper into the ladle for maximum recovery and superior inclusion morphology.

With 98.5–100% calcium purity, HDx™ cored wires achieve higher and more consistent recoveries compared to traditional Ca-mix or pure Ca wires.

Plus, the insulation layer prevents premature reactions, improving cost-effectiveness and steel cleanliness.

Developed through extensive research and field testing, Calcium HDx™ cored wires combine the reliability of solid calcium treatments with the ease of conventional cored wire handling.



Melting Point (Ca)	Boiling Point (Ca)	Density at 20°C
839°C / 1542°F	1484°C / 2703°F	1.55 g/cm ³

ADVANTAGES

- Higher calcium recovery
- Improved steel castability
- Superior inclusion control
- Enhanced mechanical properties
- Reduced surface defects
- Easy, secure handling

Partner with our technical team and leverage our deep industry expertise, cutting-edge technology and advanced technical services. We can tailor a solution to meet your specific process and quality requirements.

Engineering value, quality and consistency.

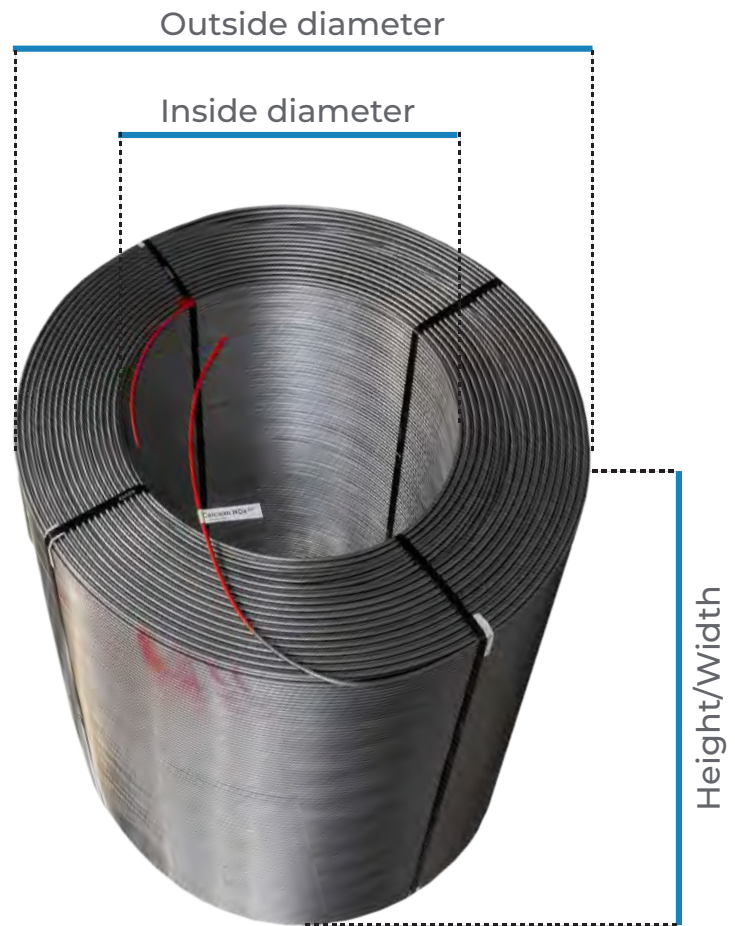
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Affival can deliver coils either horizontally or vertically, depending on the injection setup.

Coils are connectable for non-stop injection.

Packaging includes multiple options for coil size, pallet type, protective wrapping and reels.



Calcium HDx™	A Cage	J Cage	W Cage
Wire diameter (mm)	9.5; 10.8	9.5; 10.8	9.5; 10.8
Calcium metric weight (g/m)	70; 85	70; 85	70; 85
Outside diameter (in)	44	44	52
Inside diameter (in)	20	20	29
Height/Width (in)	29	46	45

