



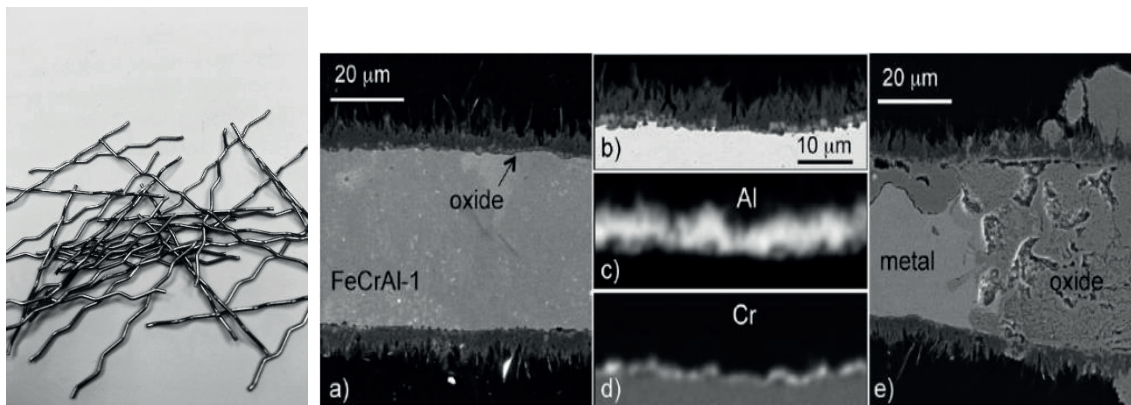
FibreX AL is a NEW High Chrome Aluminum (HCA) alloy composition developed by Ribtec based on ferralloy stainless steel. These wavy-shaped fibers have excellent oxidation resistance up to extreme high temperatures where this is the main consideration for use.

Applications include heat treatment furnaces, induction melting furnaces, ladles and ladle covers, delta sections, coke ovens, cement kilns, metal refining, recycling, door perimeters. They are also used in high fiber containing refractory composite pre-cast shapes used in higher temperature applications.

NEW HCA STEEL FIBER FOR HIGH TEMPERATURE REFRACTORIES DEVELOPED BY RIBTEC:

- Increases the maximum operating temperature of the fibers to 2370°F
- Special alloys added to enhance performance
- Fiber shape developed to improve toughness and strength
- Resistant to other forms of corrosion

C	Si	Mn	P	S	Cr	Al	Others	Fe
0.1	1.0	1.0	0.040	0.010	13.0-15.0	4.0-6.0	0.5	Balance

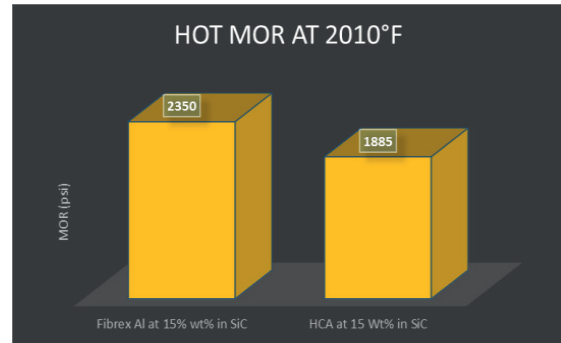
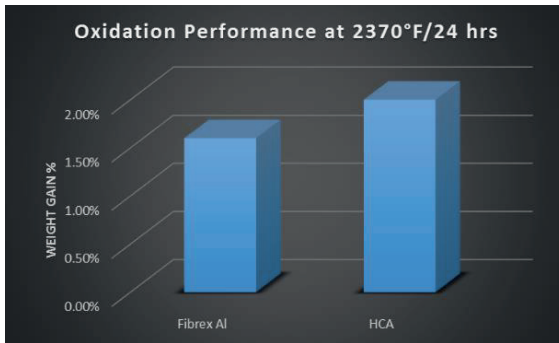


Product Benefits

- New HCA ALLOY developed specifically to enhance oxidation resistance to high temperatures
- Made to Ribtec's own specially developed metallurgical composition
- New HCA SHAPE to improve hot strength and toughness in refractories
- Excellent oxidation resistance up to 2370°F
- Can be used continuously at 2370°F
- Ideal for continuous service applications
- Corrosion resistance in other industrial conditions excluding chlorine/fluorine and nitriding ammonia atmospheres
- Special alloy additions to improve oxidation and mechanical performance
- Low thermal conductivity reducing heat losses
- Lower addition rate for cost effectiveness
- Available in a range of lengths and diameters



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Fibrex[®]AL has been extensively performance tested to recognized standards and benchmarked against other HCA products. The combination of chemical analysis control and improved shape have shown that **Fibrex[®]AL** outperforms other HCA alloys using less fiber.

Product Packaging



50lb bags



1000lb bulk boxes

For more information on **Fibrex[®]AL** call 614-864-5444

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