

FIBROX™ FIBER

FIBROX™ 300 FIBER – FIBROX™ 030 FIBER

HIGH FIBER INDEX

EXCELLENT TENSILE STRENGTH

THERMAL STABILITY

CONSISTENT UNIFORMITY

NON ASBESTOS

By melting High Purity Mineral Ores in an electric arc furnace, FIBROX™ has developed synthetic, clean mineral fibers that meet and exceed the demands of today's sophisticated applications. Two versions of this world-class fiber are available: FIBROX™ 300 and FIBROX™ 030 with fiber indexes of 65% and 95% respectively. Products are available in bales and bags.

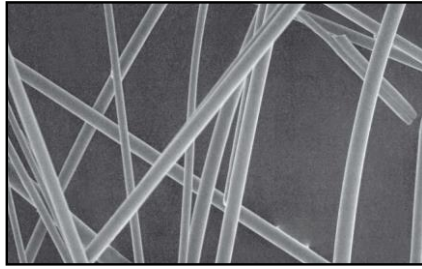
The white color, high fiber content (low shot) and temperature operating range of FIBROX™ fiber make it an excellent alternative to ceramic refractory, glass, aramid and other mineral fibers.



Applications include: chimney insulation; high temperature gaskets; composite reinforcement applications (friction materials, coatings, FRP, etc.) asphalt additive and refractory products (high temperature paper, blankets and vacuum formed shapes).

FIBROX™ TECHNOLOGY LP

www.fibrox.com



FIBROX™ FIBER

FIBROX™ 300 FIBER – FIBROX™ 030 FIBER

TYPICAL PHYSICAL PROPERTIES

Color	Off White
Aspect Ratio (Average)	
Fibrox 300 Fiber	850+
Fibrox 030 Fiber	135+
Density	6 - 8 lb/cu ft *
Hardness	6.0 Mohs
Fiber Diameter (Average)	9 Microns
Fiber Diameter Range	1 - 20 Microns
Fiber Length (Average)	
Fibrox 300 Fiber	8 mm.
Fibrox 030 Fiber	1.2 mm.
Non-Fibrous Material	
Fibrox 300 Fiber	35% average by weight
Fibrox 030 Fiber	5% average by weight
Fiber Tensile Strength	,000 psi
Fiber Tensile Modulus	1.5 - 6 x 10 ⁶ psi
Refractive Index	1.62 - 1.64
Shrinkage	2.4% at 1600°F (871°C)
Devitrification Temperature	above 1550°F (843°C)
Melting Point	above 2000° F (1093°C)
Operating Temperatures	up to 1500°F (815°C)

TYPICAL CHEMICAL COMPOSITION

Silica	40 - 50%
Calcium Oxide	15 - 25%
Alumina	10 - 16%
Magnesia	5 - 10%
Manganese Oxide	6 - 15%
Other	5 - 10%

* Range for Major Oxides

TYPICAL END USES

Chimney Insulation
 High Temperature Gaskets
 Asphalt Reinforcement
 Soil Conditioning

Friction Materials
 High Temperature Vacuform Shapes
 Refractory Applications

All statements, information and data given herein are believed to be accurate and reliable but are presented without guarantee, warranty or responsibility of any kind, express or implied. Statements or suggestions concerning possible use of this product are made without representation or warranty that any such use is free of patent infringement and are not recommendations to infringe on any patent. The user should not assume that all safety measures are indicated or that other measures may not be required.

SAFETY: Follow good safety and industrial hygiene practices during handling of all products. Take necessary precautions and wear the appropriate personal protective equipment as needed. Read material safety data sheets and related literature on products before specification and/or use.

*The in-place density is dependent on how it is placed. The density is lower if the material is blown in.
 *Packed in the bag, the density is 16 – 18 lb/cu ft.

For more information or to place an order, please call:

FIBROX CUSTOMER SERVICE

+1 (604) 262-6782
 970 -1050 West Pender Street,
 Vancouver, BC, Canada