

## FIBROX™ FIBER PMF® FIBERWEAR G

**NEW**

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.

The off white color, high fiber content (low shot) and temperature operating range of **PMF® FIBERWEAR G** makes 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).

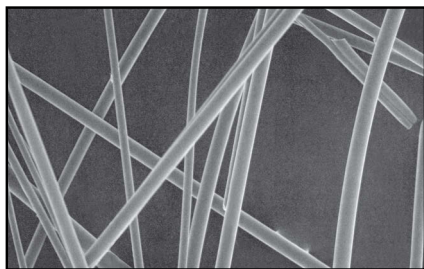
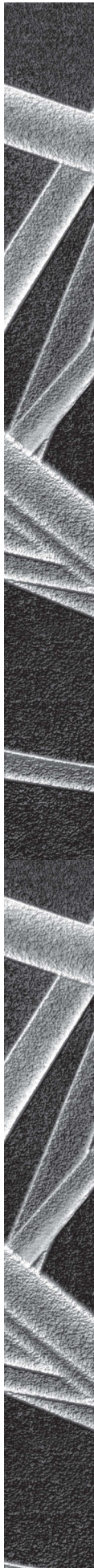


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## FIBROX™ FIBER

### PMF® FIBERWEAR G

#### TYPICAL PHYSICAL PROPERTIES

Color.....	Off White
Aspect Ratio.....	+1000
Density.....	2.7 - 2.9 GMS/CC
Hardness.....	6.0 Mohs
Fiber Diameter.....	5 - 6 Microns, by population
Fiber Diameter Range.....	1 - 20 Microns
Fiber Length (Average).....	4 - 8 mm.
Non-Fibrous Material.....	35% average by weight
Fiber Tensile Strength.....	80,000 psi
Fiber Tensile Modulus.....	1.5 - 6 x 10 <sup>6</sup> 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.....	15 - 25%
Alumina.....	10 - 16%
Magnesia.....	5 - 10%
Other.....	6 - 10%

\* Range for Major Oxides

#### STANDARD PACKAGING

40 lb. plastic bags and 700 lb. bales

#### TYPICAL END USES

Chimney Insulation  
High Temperature Gaskets  
Asphalt Reinforcement  
Soil Conditioning

Friction Materials  
High Temperature Vacuform Shapes  
Refractory Applications  
Plastics

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**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.

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

**FIBROX CUSTOMER SERVICE**

**1-888-330-8323 or 418-338-2323**

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