

Engineered Solutions for Emission Control



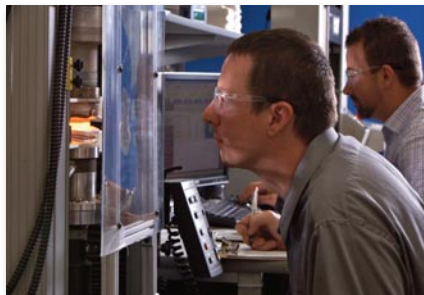
Unifrax: Uniquely Positioned To Serve Global Emission Control Customers

- Our company invented ceramic fiber in 1942. Today we are a leading producer of specialty products for the emission control, industrial thermal management and fire protection markets. Unifrax is committed to helping our worldwide customers save energy, reduce pollution and improve fire safety.
- We offer the widest range of products for the auto industry.
- We manufacture all our products with fibers we make.
- We own and control our fiber and mat production facilities, converting operations and distribution.
- Our presence on five continents and in 17 countries gives us the broad global footprint needed to serve our customers worldwide.



Research & Development

- Focus on customer application needs.
- Cross-functional team approach.
- Worldwide engineering support.



Quality & Service

- Rigorous, comprehensive quality control testing.
- Worldwide customer service network.
- ISO 9001:2008; ISO/TS 16949:2009



Advanced Manufacturing Technology

- Closed loop, computer controlled & wet laid processes.
- Full supply chain integration.
- 27 manufacturing facilities in 13 countries.

Unifrax Emission Control Sales Offices

North America
Tonawanda, NY USA
Chelsea, MI USA

South America
Vinhedo, SP Brazil

Europe
Greenfield, Holywell, Flintshire, UK
Dusseldorf, Germany

Africa
Port Elizabeth, South Africa

Asia
Pune, Maharashtra, India
Shanghai, China
Seoul, Korea
Mihama, Chiba, Japan



*greener
cleaner
safer*
specialty products that
save energy, reduce pollution and improve fire safety

For worldwide emission control sales office information, contact Unifrax customer service at +44 1352 712 331; +1-716-768-6500 or info@unifrax.com.

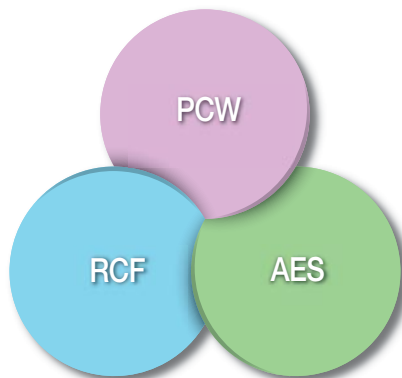
Unifrax: High Performance Materials & Products For Emission Control

Three Distinct & Proven Fiber Chemistries

Polycrystalline Wool (PCW)
Highly resilient man-made vitreous fibers.

Refractory Ceramic Fiber (RCF)
Unmatched experience in RCF technology.

Alkaline Earth Silicate (AES)
Low bio-persistence fibers, not classified under EU regulations.

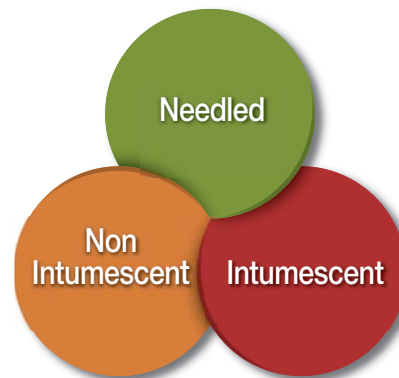


Product Forms

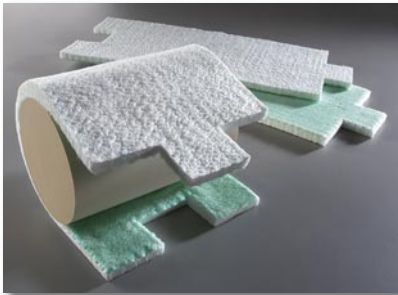
Needed
Mechanically bonded, organics-free, fiber-only products.

Non-intumescent
Fiber-only products.

Intumescent
Products containing vermiculite.



PC-Max 2000i support mats.



Light Duty Vehicle Solutions

Support mats for underbody and close coupled converters in passenger cars and light duty trucks.

- PC-Max[®] Support Mats
- Ecoflex[®] Support Mats
- CC-Max[®] & XPE[®] Support Mats

XPE-MP support mats.



Heavy Duty/Commercial Vehicle Solutions

Support mat products to meet temperature, gap and loading requirements in a variety of on and off road vehicles.

- Ecoflex[®] Support Mats
- CC-Max[®] Support Mats
- XPE[®]-MP Support Mats

VC-Max 1 Insulation.



Thermal Management Solutions

Products that protect heat sensitive components, extend equipment life and ensure passenger comfort and safety.

- Isomax[®] 110N
- VC-Max[™] 1 Insulation
- QSP[®] Insulation



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