Product Information Sheet

VC-Max™1

VC-Max™1 is a three-dimensional high-performance engineering insulation material composed of Saffil polycrystalline high alumina fibers, designed to withstand high vibration and temperature exposure up to 1600°C.

VC-Max 1 was engineered as automotive exhaust system insulation, providing thermal management and noise reduction throughout the exhaust system. The product provides a high temperature insulating layer with superior vibration and water resistance.

Vacuum forming technology allows Unifrax to provide the product in 3D shapes, permitting easy assembling and better fit for complex shapes and formats. Typical applications include cone, down pipe, manifold, and muffler insulation.

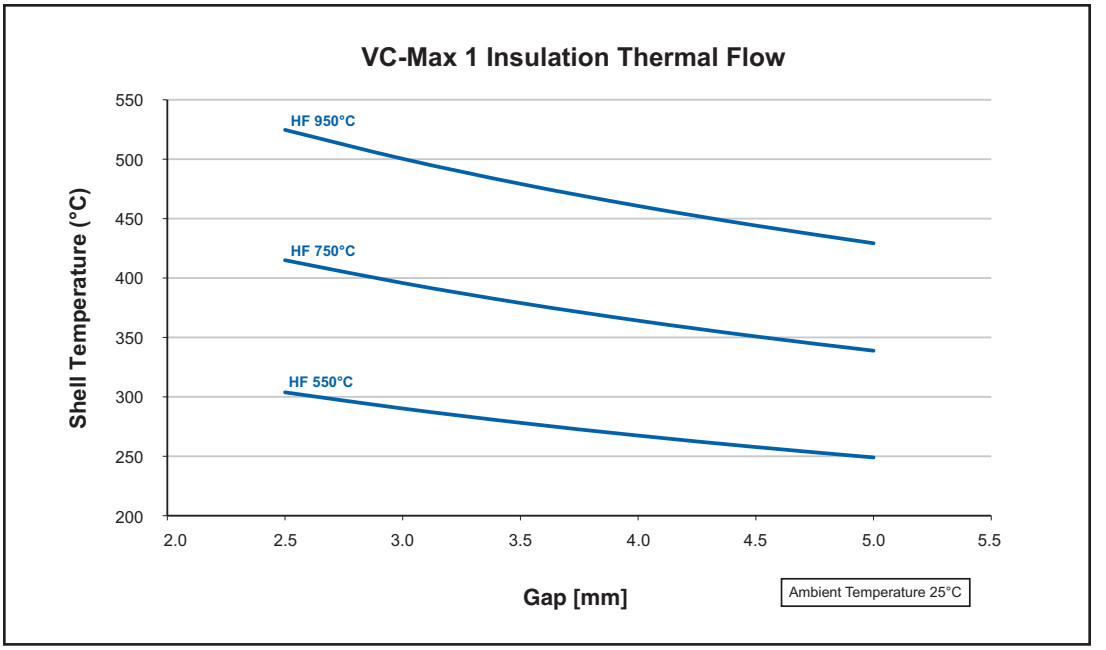
VC-Max 1 is also available in variable thicknesses to accommodate non-uniform gaps in exhaust assemblies.

Unifrax provides a global network of application engineering services and will provide you with a technical recommendation for your specific converter design.

Typical Composition & Properties

Saffil polycrystalline Fibers	88-92%
LOI	8-12%

Thermal Flow Curve



Worldwide Technical Support

Unifrax is a worldwide sales and service organization with several international locations and representatives. The services that we provide include thermal modeling, system design engineering assistance, and failure analysis as well as technical exchange programs. For additional information regarding VC-Max 1 or any of our catalytic support mats, please contact the Unifrax Automotive Application Engineering Department at 716-768-6461.

Data are average results of tests conducted under standard procedures and are subject to variation. Results should not be used for specification purposes.

Refer to the product Material Safety Data Sheet (MSDS) for recommended work practices and other product safety information.

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