

PC-Max[®] 2000i Substrate Support Mat

PC-Max[®] 2000i is Unifrax’s highest performing support mat. PC-Max 2000i is a non-intumescent support mat system that has the resiliency and high temperature resistance needed to meet the most demanding applications in exhaust aftertreatment systems in today’s market.

PC-Max 2000i is free of organic binder and utilizes needled polycrystalline fibers, also commonly known as polycrystalline wool (PCW), that provide proven long-term performance under all temperature ranges from ambient up to 1200°C inlet gas temperature. As well as being thermally durable, PC-Max 2000i exhibits negligible decline in performance when exposed to fuel condensates, water or urea under normal operating conditions.

PC-Max 2000i is very flexible with high tensile strength and has excellent characteristics. Its needled fiber matrix provides best in class resistance to erosion from direct impingement, abrasion or vibration.

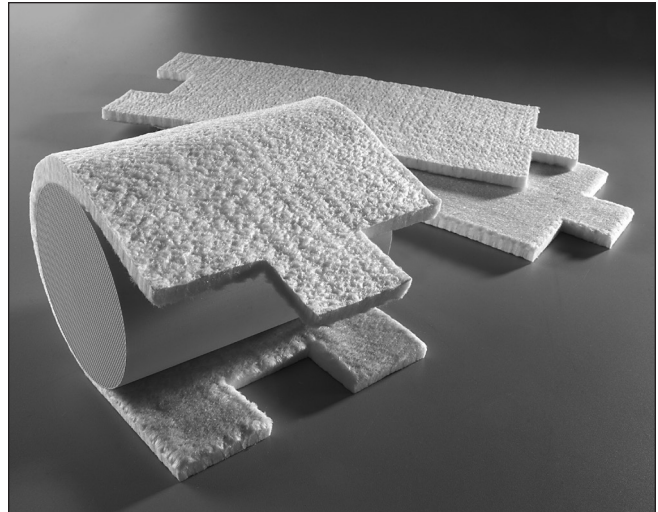
PC-Max 2000i leverages Unifrax’s tightly controlled and sophisticated in-house PCW fiber production capability. The base fiber to finished product is manufactured utilizing Unifrax’s unique vertically integrated, global supply chain network which allows significant peace of mind when it comes to security from supply disruption.

Designed for wide range of applications:

- Diesel (DPF, DOC, SCR)
- Gasoline (CCC, UBC, GPF)
- Thermal Insulation (End Cone, Heat Shield)
- Ultra-Thin Wall Monoliths

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 PC-Max 2000i or any of our catalytic support mats, please contact your local Unifrax Sales Engineer or visit: www.unifrax.com



Physical Properties

Basis Weight*	Nominal Thickness	Target Gap**
(g/m ²)	mm	mm
1200	8.3	3.3
1300	9.0	3.5
1450	9.0	4.0
1700	10.5	4.8
1850	10.6	5.1
2200	12.8	6.0

*Basis Weight – Fiber + Binder

**Mat Mount Density design range (0.30-0.55 g/cm³)

Typical Composition

Fibers Weight	100%
Organic Binder Weight	<1.5 %

The following are registered trademarks of Unifrax: PC-Max.

The test data shown are average results of tests conducted under standard procedures and are subject to variation. Results should not be used for specification purposes. Product Information Sheets are periodically updated by Unifrax. Before relying on any data or other information in this Product Information Sheet, you should confirm that it is still current and has not been superseded. A Product Information Sheet that has been superseded may contain incorrect, obsolete and/or irrelevant data and other information.

Unifrax I LLC