

SIGRATHERM® MFA

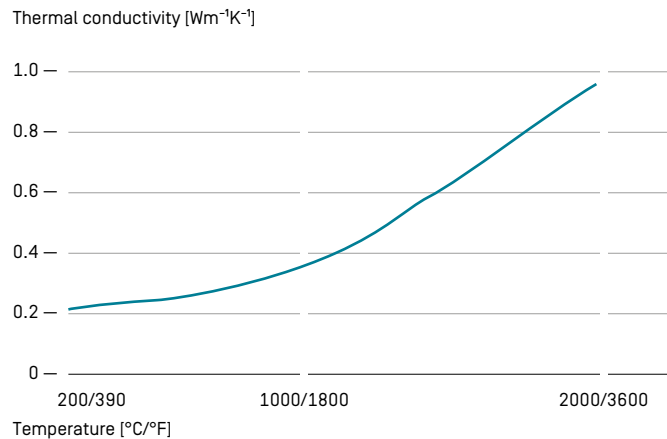
Material: Graphite rigid felt
Application: High-temperature insulation

Material data of SIGRATHERM® MFA

Typical properties	Units	MFA
Density	g/cm ³	0.17
Compressive strength	MPa	0.7
Flexural strength	MPa	0.8
Moisture absorption	%	< 1.0
Ash content	ppm	1000
Ash content [purified grade]	ppm	< 20
Max. application temperature	°C [°F]	2000 [3600] in vacuum or inert gas

Values without tolerance represent typical average values. For any engineering/design purposes, please always contact our technical sales team.

Thermal conductivity of SIGRATHERM MFA as a function of temperature (inert gas atmosphere)



Order information of SIGRATHERM MFA

MFA	-	FF	1524x1219x40 mm (60" x 48" x 1,57")
			Board dimensions
			Surface coating, optional: FF = both sides covered with SIGRAFLEX® foil
			Rigid felt composite board

Dimensions supplied

Thickness: 30/40/45/50 mm (1.18"/1.57"/1.77"/1.97")
 Customized thickness and surface coatings on request.



Graphite Solutions | SGL CARBON GmbH
 Sales Europe/Middle East/Africa | felt-europe@sglcarbon.com
 Sales Americas | felt-americas@sglcarbon.com
 Sales Asia/Pacific | felt-asia@sglcarbon.com
 www.cfrc-and-felts.com | www.sglcarbon.com

TDS MFA.01

07 2023/0 1NÄ Printed in Germany
 ®registered trademarks of SGL Carbon SE

This information is based on our present state of knowledge and is intended to provide general notes on our products and their uses. It should therefore not be construed as guaranteeing specific properties of the products described or their suitability for a particular application. Any existing industrial property rights must be observed. The quality of our products is guaranteed under our "General Conditions of Sale".