

ACCURATE FELT & GASKET MFG. COMPANY

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MATERIAL SPECIFICATION

MBF-G

EnCore® Combined Materials/Mechanically-Bonded Fiber

Description:

MBF-G is a high-temperature gasket material combining an inorganic fiber, low binder facing material with an 0.2mm (0.008") tang perforated tin-plated steel core. This material provides excellent value for exhaust manifold and header gaskets, downpipe and collector gaskets, EGR, muffler, and other exhaust gas applications in automotive and small engines. MBF-G is available in several gauges, with roll widths up to 305mm (12") wide. The following typical values were established using an overall construction thickness of 1.6mm (0.063").

Typical Properties:

Property	Value	Method
Compressibility, % (at 34.5MPa)	25 - 30	ASTM F 36
Recovery, %	20 - 30	ASTM F 36
Tensile Strength, AMD, MPa(psi)	29 (4250)	ASTM F 152
Weight Loss on Ignition, % (at 815°C)	0 - 10	ASTM F 495
Fluid Resistance, IRM903 Oil		ASTM F 146
Change in Thickness, %	2 - 5	
Change in Weight, %	20 - 30	
Fluid Resistance, Fuel B		ASTM F 146
Change in Thickness, %	2 - 4	
Change in Weight, %	15 - 25	

Remarks and Related Documents:

Typical values determined by the test methods required for ASTM F-104, Type 7 materials.

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The information on this data sheet is based on laboratory test data we believe to be accurate, relevant and reliable. Please look upon these values as guides rather than absolutes. Since actual service conditions for a given application may vary substantially from standard laboratory conditions, specific recommendations or warranties relative to a specific end use cannot be made. The buyer is urged to conduct its own investigations and qualification tests to determine suitability for its intended application. Accurate Felt & Gasket Mfg. Co. shall not be liable for any damages arising out of the use of any of its guide specifications.

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