

ACCURATE FELT & GASKET MFG. COMPANY

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MATERIAL SPECIFICATION

CMP-4200

Hydro-Fused®/Compressed MicroPore® Gasket Material

F729190E33M9

Description:

CMP-4200 is a solvent-free, high performance compressed MicroPore gasket material. It was developed for steam, water, oil, and chemical resistance in Original Equipment and Industrial applications. It has exceptional sealability, torque retention, crush and blowout resistance, and is intended for applications with short duration maximum temperatures up to 350°C (650°F).

Typical Properties:

Property	Value	Method
Density, g/cc(lb/cu.ft)	1.55 (97) (min.)	ASTM F 1315
Compressibility, % (at 34.5MPa)	7 - 17	ASTM F 36
Recovery, %	50 (min.)	ASTM F 36
Tensile Strength, AMD, MPa(psi)	12 (1740) (min.)	ASTM F 152
Flexibility, Mandrel Bend, 12 X Ga.	No Cracks	ASTM F 147
Fluid Resistance, IRM903 Oil		ASTM F 146
Change in Thickness, %	15 (max.)	
Change in Weight, %	25 (max.)	
Change in Tensile Strength, %	30 (max.)	
Change in Compressibility, %	17 (max.)	
Fluid Resistance, Fuel B		ASTM F 146
Change in Thickness, %	15 (max.)	
Change in Weight, %	20 (max.)	
Binder Type	Fully Cured Nitrile Butadiene/ Styrene Butadiene Rubber Blend	
Color	Grey	

Remarks and Related Documents:

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

EnCore®, Hydro-Fused®, MicroPore®, Pro-Formance®, Select-a-Seal®, Syntheseal®, Thermo-Tork®, and Voltoid® are registered trademarks of Interface Performance Materials, Inc. Select-a-Shield is a trademark of Interface Performance Materials, Inc.

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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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