

ACCURATE FELT & GASKET MFG. COMPANY

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MATERIAL SPECIFICATION

HFL-781

Hydro-Fused®/Nonasbestos Gasket Material
F729900B5E09M9

Description:

HFL-781 is a high density, controlled swell gasket material with styrene butadiene and natural rubber binders. It is used in heavy duty oil sealing applications such as diesel engine oil pans and front covers. It is intended for applications with short duration maximum temperatures up to 290°C (550°F). The following specification values are for 0.8mm (0.031") gauge material.

Typical Properties:

Property	Value	Method
Compressibility, % (at 34.5MPa)	7 - 17	ASTM F 36
Recovery, %	40 (min.)	ASTM F 36
Tensile Strength, AMD, MPa(psi)	13.90 (2014) (min.)	ASTM F 152
Creep Relaxation, %	30 (max.) (0.8mm ga.)	ASTM F 38
Sealability, Fuel A, ml/hr	2.0 (max.) at (300psi/10psi)	ASTM F 37
Fluid Resistance, IRM903 Oil		ASTM F 146
Change in Thickness, %	85 (max.)	
Fluid Resistance, Fuel B		ASTM F 146
Change in Thickness, %	40 (max.)	
Binder Type	Styrene Butadiene / Natural Rubber	

Remarks and Related Documents:

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

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Revised 07/01/15

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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