

## SPECIFICATION DATA SHEET

# 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.

### Specification Properties

<u>Property</u>	<u>Value</u>	<u>Method</u>
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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