

ACCURATE FELT & GASKET MFG. COMPANY

3239 S. 51st Avenue
Cicero, IL 60804
Phone: 708-780-9000 Fax: 708-780-9009
www.afgco.com afg@afgco.com

MATERIAL SPECIFICATION

NI-2085

Standard/Nonasbestos Gasket
Material
F723940E43M5

Description:

NI-2085 has a nitrile butadiene rubber binder for resistance to water, coolant, oil and fuel. It has excellent strength and sealability characteristics, and is intended for applications with short duration maximum temperatures up to 180°C (350°F).

Specification Properties:

Property	Value	Method
Density, g/cc(lb/cu.ft)	1.36 (85) (min.)	ASTM F 1315
Compressibility, % (at 34.5MPa)	10 - 20	ASTM F 36
Recovery, %	40 (min.)	ASTM F 36
Tensile Strength, AMD, MPa(psi)	10.34 (1500) (min.)	ASTM F 152
Fluid Resistance, IRM903 Oil		ASTM F 146
Change in Tensile Strength, %	40 (max.)	
Change in Thickness, %	20 (max.)	
Change in Weight, %	30 (max.)	
Compressibility, %	30 (max.)	
Fluid Resistance, Fuel B		ASTM F 146
Change in Thickness, %	20 (max.)	
Change in Weight, %	30 (max.)	
Binder Type	Nitrile Butadiene	

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®, Synthesel®, Thermo-Tork®, and Voltoid® are registered trademarks of Interface Performance Materials, Inc. Select-a-Shield is a trademark of Interface Performance Materials, Inc.

Revised 07/22/25

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.

ISO 9001: 2015 Registered