

# ACCURATE FELT & GASKET MFG. COMPANY

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## MATERIAL SPECIFICATION

### NI-2900

Standard/Nonasbestos Cylinder Head Facing Material  
F729150E52M9

#### Description:

NI-2900 is a non-asbestos facing material designed to deliver the performance required by worldwide cylinder head and manifold applications. It has graphite and other inorganic fillers encapsulated by nitrile butadiene rubber binder, and is easy to combine on perforated metal core. (Minimum order requirements may apply).

#### Specification Properties:

Property	Value	Method
Density, g/cc(lb/cu.ft)	1.04 (65) (min.)	ASTM F 1315
Compressibility, % (at 34.5MPa)	27 - 37	ASTM F 36
Recovery, %	18 (min.)	ASTM F 36
Tensile Strength, AMD, MPa(psi)	3.79 (550) (min.)	ASTM F 152
Fluid Resistance, IRM903 Oil		ASTM F 146
Change in Thickness, %	15 (max.)	
Change in Weight, %	40 (max.)	
Fluid Resistance, Fuel B		ASTM F 146
Change in Thickness, %	10 (max.)	
Change in Weight, %	40 (max.)	
Fluid Resistance, Glycol/Water 50/50		ASTM F 146
Change in Thickness, %	25 (max.)	
Change in Weight, %	60 (max.)	
Binder Type	Nitrile Butadiene	

#### Remarks and Related Documents:

Specification 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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