

# NI-2096

## Standard/Nonasbestos Cylinder Head Facing Material

F729990E52M9

### Description

NI-2096 is a cylinder head facing material designed to deliver the performance required by worldwide cylinder head applications. It is a non-asbestos material with inorganic fillers encapsulated by nitrile butadiene rubber binder.

### Specification Properties

Property	Value	Method
Density, g/cc(lb/cu.ft)	1.19 (74) (min.)	ASTM F 1315
Compressibility, % (at 34.5MPa)	35 (max.)	ASTM F 36
Recovery, %	20 (min.)	ASTM F 36
Tensile Strength, AMD, MPa(psi)	4.48 (650) (min.)	ASTM F 152
Weight Loss on Ignition, % (at 815°C)	30 (max.)	ASTM F 495
Fluid Resistance, IRM903 Oil		ASTM F 146
Change in Thickness, %	10 (max.)	
Change in Weight, %	45 (max.)	
Fluid Resistance, Fuel B		ASTM F 146
Change in Thickness, %	10 (max.)	
Change in Weight, %	40 (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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