

# NI-2097A

## Standard/Nonasbestos Cylinder Head Facing Material

F729190E93M9

### Description

NI-2097A is a non-asbestos cylinder head facing material with inorganic fillers and fibers encapsulated by nitrile butadiene rubber binder. It is suitable for Original Equipment or Aftermarket use, combines easily on perforated metal core, and has good sealability and creep relaxation properties.

### Specification Properties

Property	Value	Method
Density, g/cc(lb/cu.ft)	1.22 (76) (min.)	ASTM F 1315
Compressibility, % (at 34.5MPa)	35 (max.)	ASTM F 36
Recovery, %	30 (min.)	ASTM F 36
Tensile Strength, AMD, MPa(psi)	3.10 (450) (min.)	ASTM F 152
Fluid Resistance, IRM903 Oil		ASTM F 146
Change in Thickness, %	15 (max.)	
Change in Weight, %	45 (max.)	
Fluid Resistance, Fuel B		ASTM F 146
Change in Thickness, %	15 (max.)	
Change in Weight, %	35 (max.)	
Fluid Resistance, Glycol/Water 50/50		ASTM F 146
Change in Thickness, %	30 (max.)	
Change in Weight, %	80 (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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