

# 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(ksi)	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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