



SPECIFICATION DATA SHEET

# HNA-1000

## Non Asbestos Cylinder Head Facing Material

### Description

HNA-1000 it is a Cylinder head facing material designed to deliver the performance required by small engines cylinder head applications. It is a non asbestos material with inorganic fillers encapsulated by NBR and is easy to combine on perforated metal core. Max operating Temperature upto 220°C.

S.NO.	PROPERTY		SPECIFICATIONS	TEST METHOD
1.	DENSITY	gm/cc	1.10 (min)	ASTM F-1315
2.	COMPRESSIBILITY	%	35 (max)	ASTM F-36
	AT 350 kg/cm <sup>2</sup> (5000 psi)			
3.	RECOVERY	%	18 (min)	ASTM F-36
4.	TENSILE STRENGTH	kg/cm <sup>2</sup>	38 (min)	ASTM F-152
5.	FLUID RESISTANCE			
	ASTM OIL NO 3		-----	ASTM F-146
	THICKNESS INCREASE	%	10 (max)	
	WEIGHT INCREASE	%	40 (max)	
	ASTM FUEL B		-----	ASTM F-146
	THICKNESS INCREASE	%	10 (max)	
	WEIGHT INCREASE	%	40 (max)	
6.	WEIGHT LOSS ON	%	33(max)	ASTM F-495
	IGNITION AT 850°C			
7.	BINDER TYPE		Nitrile Butadiene	

### Remarks & Related Data

Specification values determined by test methods required for ASTM F-104, TYPE 7 MATERIALS

### Availability

Roll Width : 1220mm  
Roll Weight : 50 - 250 kg  
Thickness Range : 0.50mm - 1.50mm  
Core Size : 75mm

Other special sizes available on request. One side Graphite coating available on request.

## Aeroflex Sealing Material Mfg. Co.

(An ISO 9001-2015 Certified Company)

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