



SPECIFICATION DATA SHEET

HNA-2000

Non Asbestos Cylinder Head Facing Material

Description

HNA-2000 is a non asbestos cylinder head facing material with inorganic fillers and fibres encapsulated by NBR. It is suitable for original equipment or aftermarket use combines easily on perforated metal core and has good sealability and creep relaxation properties. Max operating temperature upto 220°C.

S.NO.	PROPERTY	SPECIFICATIONS	TEST METHOD
1.	DENSITY gm/cc	1.15 (min)	ASTM F-1315
2.	COMPRESSIBILITY % AT 350 kg/cm ² (5000 psi)	30 (max)	ASTM F- 36
3.	RECOVERY %	25 (min)	ASTM F-36
4.	TENSILE STRENGTH kg/cm ²	45 (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 %	35 (max)	
	GLYCOL/WATER 50/50	-----	ASTM F-146
	THICKNESS INCREASE %	30 (max)	
	WEIGHT INCREASE %	50 (max)	
6.	WEIGHT LOSS ON IGNITION AT 850°C	29(max)	ASTM F-495
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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