



SPECIFICATION DATA SHEET

HNA-3000

Non Asbestos Cylinder Head Facing Material

Description

HNA-3000 it 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	1.22 (min)	ASTM F-1315
2.	COMPRESSIBILITY	%	35 (max)	ASTM F-36
	AT 350 kg/cm ² (5000 psi)			
3.	RECOVERY	%	25 (min)	ASTM F-36
4.	TENSILE STRENGTH	kg/cm ²	30 (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	%	20 (max)	
	WEIGHT INCREASE	%	70 (max)	
6.	WEIGHT LOSS ON	%	24(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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