

# Technical Data Sheet



## HAF 9010 NON ASBESTOS CYLINDER HEAD FACING MATERIAL

### General properties and application :

**HAF 9010** : It is a light grey Aramid fiber based material manufactured with a blend of reinforced fibers, Nitrile rubber binder & inorganic fillers. It is a facing material for making composite gaskets meant for cylinder head application. It can also be used as filler material in metal clad gasket. Max Operating temperature 250°C

### Technical Data

Specification values determined in accordance with ASTM F-104 Type 7

Physical Properties	Unit	Typical Value
Density	gm/cc	1.20 ± 0.05
Compressibility at 350 kg/cm <sup>2</sup>	%	25-40
Recovery (Min)	%	20
Tensile Strength (Min)	kg/cm <sup>2</sup>	35
Loss of ignition @ 850°C	%	23

### Fluid absorption

Weight Increase			
ASTM Oil No. 3	5 Hrs @ 21 to 30°C (Max)	%	40
ASTM Fuel B	5 Hrs @ 21 to 30°C (Max)	%	35
Water Distilled	5 Hrs @ 21 to 30°C (Max)	%	45

Thickness Increase			
ASTM Oil No. 3	5 Hrs @ 150°C (Max)	%	10
ASTM Fuel B	5 Hrs @ 21 to 30°C (Max)	%	10
Water Distilled	5 Hrs @ 21 to 30°C (Max)	%	15

Availability	Unit	Standard Size
Thickness range	mm	0.50 -1.00 in Rolls
	mm	above 1.00 -1.50 in sheets
Roll width	mm	1000 ± 20
Roll Weight	Kgs	50
Sheet Size	mm	1000 X 1000

All information data quoted are based on experience in production of sealing elements. However, In view of the wide variety of possible installation and operating conditions one can not draw final conclusions in all application cases regarding the behaviors in a gasket joint.

Whenever there is any doubt, our staff will be pleasure to assist you in finding the optimum sealing solutions.

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