

## TECHNICAL INFORMATION

Compliance	IS 2712 Grade W/2	
Category	Asbestos	
Line Callout Number	ASTMF104F112009A9BOE00M9T4	
Colour	Non Metallic	Brown-Grey/Black Graphited
	Metallic	With special metallic reinforcement To enhance strength & stability



## Suitable Industries/ Properties

For IC Engines, Compressors, Pipes etc.

Parameters	Standard	Unit	Value	
			Non Metallic	Metallic
Density	IS 2712	g/cc	1.80-2.20	1.85-2.40
Tensile Strength	IS 2712	Kg/cm <sup>2</sup>	≥150	≥ 160
Compressibility	IS 2712	%	8-12	8-12
Recovery	IS 2712	%	≥ 45	≥ 45
Ignition Loss	IS 2712	%	≤ 20	≤ 20
Stress Relaxation (Residual Stress)	IS 2712	N/mm <sup>2</sup>	20	21
Flexibility @RT (Cracking, delamination or distress)	IS 2712	—	OK	OK
Oil Absorption 5 H @ 150°C (Thickness/Mass)	IS 2712	%	.....	.....
Fuel B Absorption 22 H @ RT (Thickness/Mass)	IS 2712	%	.....	.....
Water Absorption 5 H @ 100°C (Thickness/Mass)	IS 2712	%	≤8	≤ 8
Recommended Maximum Temperature	--	°C	450	480
Recommended Maximum Pressure	—	Kg/cm <sup>2</sup>	85	100

### Note:

- All metallic insert sheets are available with graphite finish.



## Product Description

Selected Grade of Asbestos Fibres, Fillers & Bonded with Premium Grade NBR Binder Compound.



## Appropriate/Suitable Media

Recommended for use in Steam, Neutral Non- Flammable Gases, Lyes, Alkaline Solutions, Fats, Oils, Alcohols, Motor Fuels and such other Engineering Service conditions in place of Style 54 Super (W/1 Grade materials). (Medium Service Conditions).

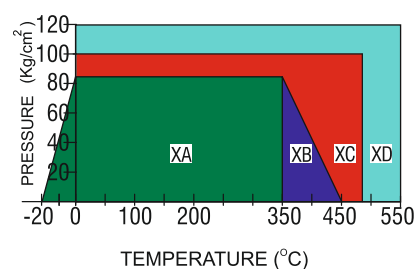


## AVAILABLE SIZES

Standard Sheet Size (mm)	1600/1500 x 1500 1600/1500 x 2000 1600/1500 x 3000 1600/1500 x 6000 1525 x 1650 1525 x 5000 2000 x 6000 2000 x 2000 3000 x 3000 1000 x 1000 2000 x 3000
Thickness (mm)	0.40 to 6.00 for Non Metallic & 0.50 to 6.00 for Metallic
Thickness Tolerances (mm)	Upto & including 0.50 = ± 0.05 Over 0.50, Upto & including 1.00 = ± 0.10 Over 1.00 Upto & including 2.00 = ± 0.15 Over 2.00 Upto & including 3.00 = ± 0.20 Over 3.00 Upto & including 4.00 = ± 0.30 Over 4.00 = ± 0.40

## TYPICAL VALUES FOR A THICKNESS OF 1.60 mm

Gasket Factors	Thickness (mm)	"M" Factor	"Y" Stress (Psi)
	0.80	3.50	6500
	1.60	2.75	3700
	3.20	2.00	1600



### PERFORMANCE CHART & RECOMMENDATION

Maximum Values of Temperature and Pressure should not be used simultaneously, they are given only as guidance. Maximum Temperature and Pressure depends not only on the type of gasket material but also on the application conditions such as thickness of material, nature of service medium, type of flange, surface stress etc.

- XA** General suitability using common installation practices under conditions of chemical compatibility
- XB** Maximum performance is ensured through appropriate measures for joint designs and gasket installations. Consultation is recommended.
- XC** Limited application area. Technical consultation is mandatory
- XD** Area not recommended

For detailed selection criteria, technical information, installation guideline and a complete listing of local sales offices please visit [www.spitmaan.com](http://www.spitmaan.com)

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