AFM 34
Fibreboard

Description
AFM 34 is a material free of asbestos. The material consists of aramid fibers, inorganic fillers and other asbestos replacements.

Technical properties
- Good chemical resistance
- Exceptional homogeneous structure
- Very gas tight
- Blow-out

Application
Equiment, pumps, fittings and piping in industrial installations. Transmissions and gearboxes.

Chemical resistance, pressure and temperature
Max pressure 150 bar. Min temperature -30°C. Max temperature +250°C.

Supply programme
- Fibreboards available in 1500 x 1500 mm and thickness 0,25 / 0,5 / 1 / 1,5 / 2,0/ 3,0 mm. 3000 x 1500 mm available upon request
- Gaskets according to EN(DIN) and ASME norm are available from stock. Besides that it is possible to cut or punch virutally any special shape or size from a sheet.

Approvals and certificates
- BAM
- DVGW
- FDA
- Firesafe
- Germanischer Lloyd
- HTB
- KTW
- SVGW
- TA Lüft
- VP 401
- WRAS

Table 1: Technical data*

Gasket factor	Norm	Value thickness 2 mm	Unit
Min. surface pressure σ_{Vu}	DIN 28090	25	MPa
Max. surface pressure σ_{Vo}	DIN 28090	180	MPa
Minimum temperature		-30	°C
Maximum temperature		+250	°C
Compression	ASTM F 36 J	5 - 8	%
Recovery	ASTM F 36 J	>55	%
Max. applicable pressure*		150	bar
Density		1,8 -2,0	g/cm³
Specific leak-tightness	DIN 3535-6	<0,1	mg/(s*m)
Residual surface pressure	DIN 52 913 150 °C	36	MPa
Chloride content		≤100	ppm
Swelling Oil No. 3 / Fuel B	ASTM F 146		
Mass gain		< 10	%
Thickness gain		< 10	%
M		2	
Y		4350	PSI

* Depending on temperature en construction.

For more information, quotations or orders: Phone +31 (0)72 514 15 14 or E-mail info@eriks.nl

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