AFM 37 8

AFM 37/8

Technical Data Sheet 37/8

Edition: 05/2012, supersedes all prior editions.

Please see the latest issue at www.reinz.com/ datasheet

Material REINZ- AFM 37/8 is an asbestos- free gasket material. It consists of aramide fibers and other asbestos substitutes that are resistant to high

aramide fibers and other asbestos substitutes that are resistant to hig temperatures and are processed with high- grade elastomers under

elevated pressure and temperature.

Properties REINZ- AFM 37/8 is a very ecomomical gasket material. It exhibits good

thermal/ mechanical strength, is highly conformable, and is suitable for

sealing oils and other liquids.

Application For sealed joints that are subjected to low or medium mechanical stress.

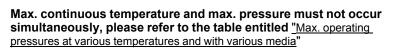
Surfaces As standard, both sides of AFM 37/8 are coated with a non- stick, high-

friction layer that greatly facilitates disassembly. In most cases, additional

surface treatment is unnecessary.

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Technical Data (nominal thickness 2.00 mm)	Density	g/ cm³	1.7 - 1.9
	Ignition loss acc. to DIN 52 911	%	< 38
	Tensile strength acc. to ASTM F 152, across grain acc. to DIN 52 910, across grain	N/ mm² N/ mm²	> 7 > 5
	Residual stress acc. to DIN 52 913 16 h, 175 °C	N/ mm²	≈ 25
	Compressibility and recovery acc. to ASTM F 36, procedure J compressibility recovery	% %	8 - 15 > 50
	Sealability against nitrogen acc. to DIN 3535, Part 6 FA	mg/ (s·m)	< 0.1
	Swelling acc. to ASTM F 146		
	in Oil IRM 903 (replaces ASTM Oil No. 3) 5 h, 150 °C increase in thickness increase in weight	% %	< 10 < 15
	in ASTM Fuel B 5 h, room temp. increase in thickness increase in weight	% %	< 10 < 15
	in water / antifreeze (50:50) 5 h, 100 °C increase in thickness increase in weight	% %	< 10 < 15
	Short- term peak temperature	°C	300
	Maximum continuous temperature	°C	200
	Maximum operating pressure	bar	60



The data quoted above are valid for the material "as delivered" without any additional treatment. In view of the countless possible installation and operating conditions, definitive conclusions cannot be drawn for all applications regarding the behaviour in a sealed joint. Therefore, we do not give any warranty for technical data, as they do not represent assured characteristics. If you have any doubt, please contact us and specify the exact operating conditions.





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Form of delivery

Gaskets according to a drawing, dimensions supplied, or other

arrangement.

Sheets 1500 x 1500 mm (standard size)

Nominal thicknesses and tolerances acc. to DIN 28091-1 (mm)

Dimensional limits within a shipment

0.50	±0.10
0.75	±0.10
1.00	±0.10
1.50	±0.15
2.00	±0.20
3.00	±0,30

Max. thickness variation in a sheet:

0.1 mm for sheet thickness ≤1.00 mm, and 0.2 mm for thickness >1.00 mm