


Asbestos Free

increase in weight in ASTM Fuel B 5 h, room temp.	%	< 7
increase in thickness	%	< 10
increase in weight in water / antifreeze (50:50) 5 h, 100 °C	%	< 10
increase in thickness	%	< 10
increase in weight	%	< 10
Content of water- soluble chloride	ppm	< 100
Thermal conductivity	W/ (m·K)	≈ 0.7
Dielectric strength after storage at 50% relative humidity, 48 h	kV/ mm	≈ 20
at 300 °C, 4 h	kV/ mm	≈ 30
Electrical specific resistance after storage at 55% relative humidity, 48 h	Ω·cm	≈ 1 x 10 ¹²
at 120 °C, 1 h	Ω·cm	≈ 2 x 10 ¹³
Short- term peak temperature	°C	400
Maximum continuous temperature with steam up to	°C	250
with metal inner bead (AFM 34 CO ME)	°C	200
with steam up to	°C	220
Maximum operating pressure	bar	150
 <p>Max. continuous temperature and max. pressure must not occur simultaneously, please refer to the table entitled "Max. operating pressures at various temperatures and with various media".</p>		
DIN 28091-2:		
Cold creep εKSW	%	5 - 8
Cold recovery εKRW	%	3 - 5
Hot creep during service εWSW/ T	%	9 - 12
Hot recovery εWRW/ T	%	≈ 0,9
Recovery R	mm	≈ 0,016
Specific leakage rate λ	mg / (s·m)	< 0,1



Certificate Number: 14352
ISO 9001



Care should be taken in selecting the most suitable quality for each application. Advice is available, but final responsibility remains with the customer.

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Media resistance see "AFM 34: Resistance to chemical media"

Residual surface pressure

after 1000 h (in air at 100 °C) % > 50

Sealing parameters: see corresponding table.

Characteristics acc. to EN 13555 are available on request.

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.

Sheets 1500 x 1500 mm (standard size)

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

Dimensional limits within a shipment

0.30 ±0.10

0.50 ±0.10

0.75 ±0.10

1.00 ±0.10

1.50 ±0.15

2.00 ±0.20

3.00 ±0.30

4.00 ±0.40

5.00 ±0.50

Max. thickness variation in a sheet:

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



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