

Technical Data Sheet

Asbestos Free

acc. to ASTM F 36, procedure J

compressibility	%	7 - 15
recovery	%	> 50

Sealability against nitrogen

acc. to DIN 3535, part 6 FA	mg/ (s·m)	≈ 0.05
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Swelling acc. to ASTM F 146

in IRM 903 Oil (replaces ASTM Oil No. 3)

5 h, 150 °C

increase in thickness	%	< 10
increase in weight	%	< 10

in ASTM Fuel B

5 h, room temp.

increase in thickness	%	< 10
increase in weight	%	< 10

in water / antifreeze (50:50)

5 h, 100 °C

increase in thickness	%	< 5
increase in weight % < 10		

Short- term **peak temperature** °C 400

Maximum **continuous temperature** °C 250

Maximum **operating pressure** bar 125



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".

DIN 28091-2:

Cold creep εKSW % 7 - 15

Cold recovery εKRW % 4 - 8

Hot creep during service εWSW/ T % 11 - 14

Hot recovery εWRW/ T % ≈ 0.65

Recovery R mm ≈ 0.012

Specific leakage rate λ mg/ (s·m) < 0.1

Residual surface pressure

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



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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Sealing parameters, see corresponding Table

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.

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:

0.30 ±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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