

**Technical data:**

Marking acc. to	DIN 28 091-4	GR-10			
Thickness ( mm)		1,0	1,5	2,0	3,0
Max. temperature* (°C)		<b>from -200 to +500</b>			
Max. pressure* (bar)		<b>60</b>			
Density (g/cm <sup>3</sup> )		0,7 - 1,3			
Ash content** (%)	DIN 51 903	≤ 2,0			
Chloride content** (ppm)		≤ 50			
Material of insertion	DIN / ASTM	-			
Thickness of insertion (mm)		-			
No. of insertion		-			
Gas permeability (cm <sup>3</sup> /min)		< 0,30	< 0,60	< 0,80	< 0,85
Specific leakage rate λ ( mg/s/m)		< 0,05	< 0,08	< 0,10	< 0,15
Residual stress ( N/mm <sup>2</sup> )	DIN 52 913, 16h/300°C	> 47			
Compressibility ( %)	ASTM F 36A – 66	40 – 50			
Recovery ( %)	ASTM F 36A – 66	10 – 15			
<b>Gaskets factors</b>	<b>DIN 2505</b>				
σ <sub>VU</sub> ( N/mm <sup>2</sup> )		20			
m	DIN factor	1,3			
σ <sub>VO</sub> ( N/mm <sup>2</sup> )		160	140	120	100
σ <sub>BO at 300 °C</sub> ( N/mm <sup>2</sup> )		140	120	100	80
m	ASTM factor	2			
y ( PSI)	ASTM factor	1500			

**Legend:**

σ<sub>VU</sub> min. gasket assembly stress

σ<sub>VO</sub> max. permissible gasket stress

σ<sub>BO at 300 °C</sub> max. permissible gasket stress under service conditions

\* max. values can not be used simultaneously

\*\* If required, the material can be supplied in so-called nuclear grade  
(in that case ash content is <0,15% and chloride content <20ppm)

sheet size: 1,0m x 1,0m , 1,5m x 1,5m

colour of printing: without printing

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