

Technical data:			
Marking acc. to	DIN 28 091-4	GR-10	
Thickness (mm)		1,0	1,5 2,0 3,0
Max. temperature* (°C)		from -200 to +500	
Max pressure* (bar)		60	
Density (g/cm ³)		0,7 - 1,2	
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 ³ /min)		-	
Spec. leak rate λ (mg/s/m)		-	
Residual stress (N/mm ²)	DIN 52 913, 16h/300°C	> 47	
Compressibility (%)	ASTM F 36A – 66	45 – 52	
Recovery (%)	ASTM F 36A – 66	10 – 15	
Gaskets factors	DIN E 2505		
σ_{VU} (N/mm ²)		20	
m	DIN factor	1,3	
σ_{VO} (N/mm ²)		160	140 120 120
σ_{BO} at 300 C (N/mm ²)		140	120 100 100
m	ASTM factor	2	
y (PSI)	ASTM factor	1500	

Legend:

σ_{VU}	min. gasket assembly stress
σ_{VO}	max permissible gasket stress
σ_{BO} at 300 C	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