

DML0088-av
1. General characteristics

Marking acc. to DIN 28 091-4	GR-10-O-1 M-Cr
Sheet size	1500 x 1500 mm
Thickness	1,0 1,5 2,0 3,0 mm

2. Printing colour

Printing	One side
Colour	White

3. Insertion

No. of insertion	1
Thickness	0,10 mm
Material (DIN/ASTM)	1.4401 / SS316 (tanged)

4. Technical data (typical values for thickness of 1,5mm)

Max. temperature *)	°C	-200 up to +550	
Max. pressure *)	bar	200	
Density	g/cm ³	1,0	
Compressibility	%	30 – 40	ASTM F36A-66
Recovery	%	15 – 20	ASTM F36A-66
Residual stress	N/mm ²	>48	DIN 52 913, 16h/300°C
Ash content **)	%	≤2,0	DIN 51 903
Chloride content **)	ppm	≤50	
Gas permeability	cm ³ /min	<0,60 <0,60 <0,80 <1,00	
Gasket factors σ_{vu}	N/mm ²	20	DIN E2505 (b _D =20mm)
σ_{vo}	N/mm ²	180 160 140 120	

Note.:

*) 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)