

**DML0087-av**
**1. General characteristics**

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

**2. Printing colour**

Printing	One side
Colour	Green

**3. Insertion**

No. of insertion	1
Thickness	0,013 mm
Material (DIN/ASTM)	Nickel 2.4066 (flat)

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

Max. temperature <sup>*)</sup>	°C	-200 up to +550	
Max. pressure <sup>*)</sup>	bar	150	
Density	g/cm <sup>3</sup>	1,0	
Compressibility	%	40 – 50	ASTM F36A-66
Recovery	%	10 – 15	ASTM F36A-66
Residual stress	N/mm <sup>2</sup>	>45	DIN 52 913, 16h/300°C
Ash content <sup>**)</sup>	%	≤2,0	DIN 51 903
Chloride content <sup>**)</sup>	ppm	≤50	
Gas permeability	cm <sup>3</sup> /min	<0,80	
Gasket factors	$\sigma_{vu}$	N/mm <sup>2</sup>	10
	$\sigma_{vo}$	N/mm <sup>2</sup>	110
			DIN E2505 (b <sub>D</sub> =20mm)

## Note.:

<sup>\*)</sup> max. values can not be used simultaneously

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