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STATIC SEALING



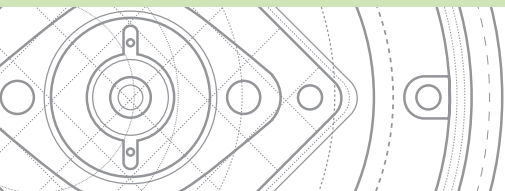
LATTY[®] gold 92

HIGH-PERFORMANCE ARAMID GASKET



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LATTY[®]gold 92

STATIC SEALING

Sheet of compressed gasket, made of aramid fibres, mineral fibres and additives that are finely distributed in a mixture of elastomers.

Characteristics

- Very good resistance to the various mechanical, thermal and chemical stresses
- Anti-adhesive treatment on both sides
- Flexible sheet suitable for cutting operations
- High elastic recovery

Homologations

- Oxygen : BAM
- Drinking water : KTW, WRAS,
- Energy : PMUC 17-053
- Fugitive Emissions : TUV
- Gas : DVGW

Industries

- Petrochemical
- Chemical
- Energy

Laboratory testing on specimens with a thickness of :		2 mm
Density		1,85
Loss on ignition (DIN 52911)	%	23
Tensile strength (NFT 48103)		
Perpendicular direction	N/mm ²	10
Compressibility (ASTM F 36)	%	5.8
Elastic recovery (ASTM F 36)	%	> 55
Permanent compression (test laboratory CETIM - Nantes)		
Thickness loss at 23°C under 30 N/mm ²	%	5
Thickness loss at 300°C under 30 N/mm ²	%	11
Relaxation under stress (DIN 52913)		
Residual load after 16 hours	N/mm ²	> 34
Thickness loss	%	17
Surface expansion	%	6
Elastic limit		
at 20°C	N/mm ²	150
at 200°C	N/mm ²	50
Gas-tightness (DIN 3535/6)	cm ³ /min	< 1
Helium leak (test laboratory CETIM - Nantes)		
Stress 35 MPa/helium pressure 40 bar	atm. cm ³ /s	< 1.10 ⁻²
Chlorine	ppm	< 100

Parameters (not associated)

Maximum operating temperature	440°C *
Pressure	<100 bar (10 MPa)
In steam environment	Consult us

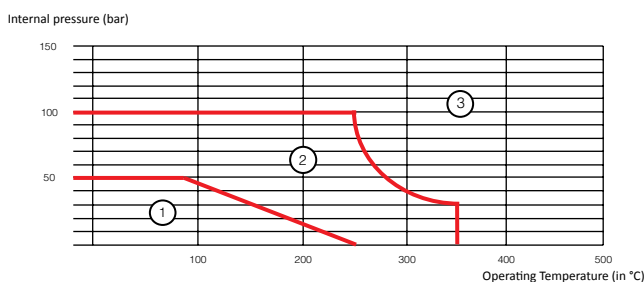
* For temperatures above 200°C, please consult us

Dimensions

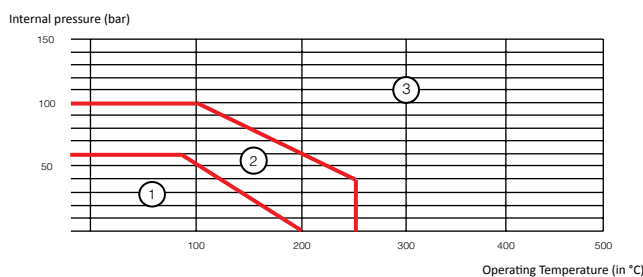
Dimensions of the sheet	Thickness
1 m x 1,5 m	from 0,5 mm to 4 mm
1,5 m x 2 m	from 0,5 mm to 4 mm
1,5 m x 1,5 m	from 1 mm to 3 mm

- Gaskets cut to specific shapes and dimensions on request
- Contact details of our gasket manufacturers on request

Liquid sealing



Gas - Steam sealing



- ① Suitable for thicknesses < 3 mm
- ② Consult LATTY INT.
- ③ Not suitable

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