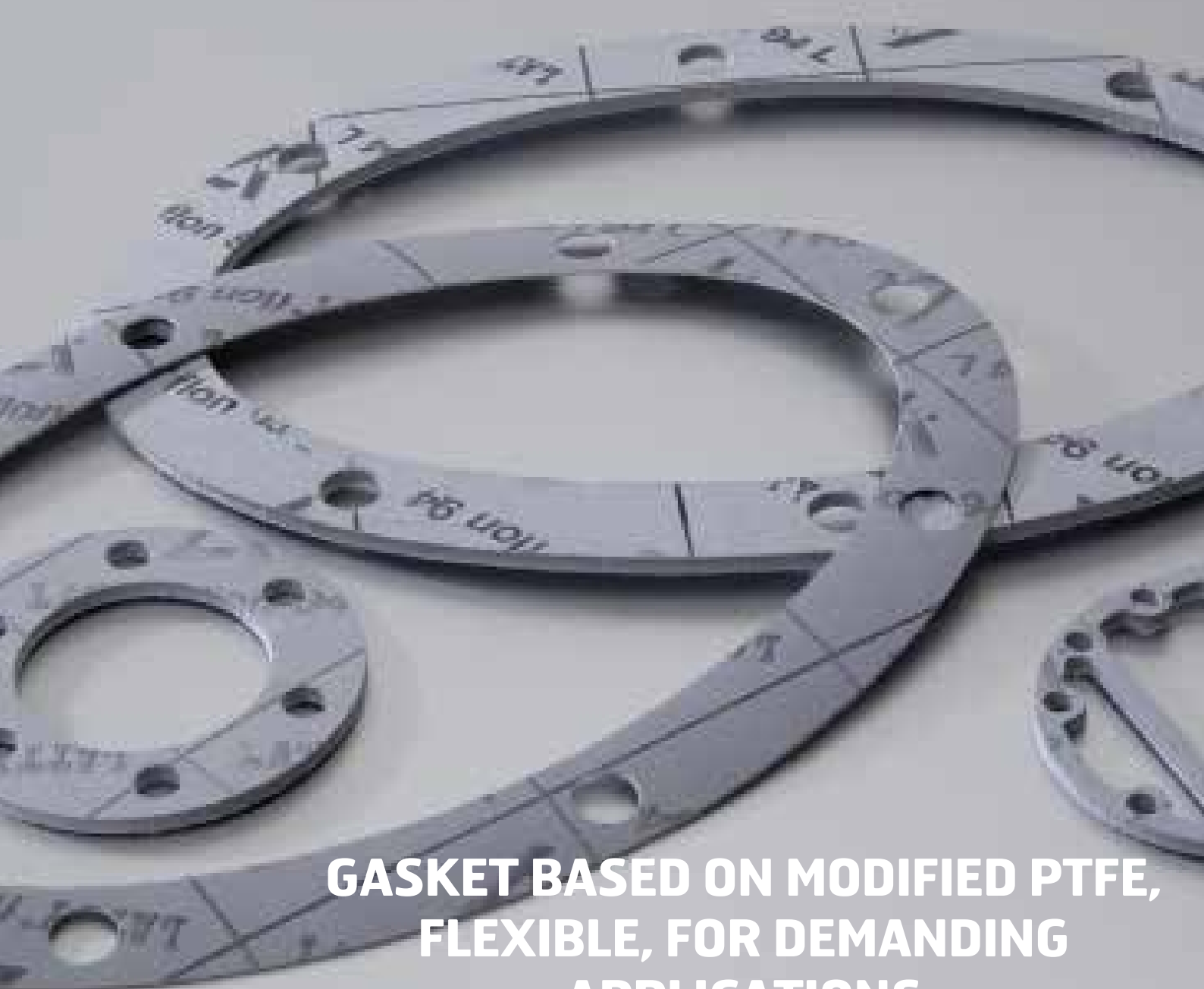


JOINTS / GARNITURES MECANIQUEES / RACCORDS TOURNANTS / TRESSSES / JOINTS / GARNITURES MECANIQUEES /
FLACHDICHTUNGEN / GLEITRINGDICHTUNGEN / DREHDURCHFÜHRUNG / PACKUNGEN / FLACHDICHTUNGEN /
KINGS / JOINTINGS / MECHANICAL SEALS / ROTARY UNIONS / PACKINGS / JOINTINGS / MECHANICAL SEALS /
QUETADURAS / CIERRAS / CIERRES MECANICOS / JUNTAS ROTATIVAS / EMPAQUETADURAS / JUNTAS / CIERRAS

STATIC SEALING



LATTY®flon 94L

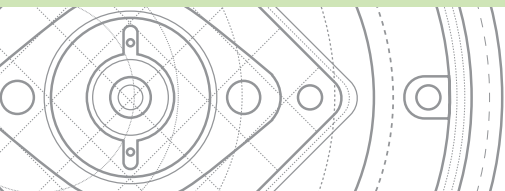


**GASKET BASED ON MODIFIED PTFE,
FLEXIBLE, FOR DEMANDING
APPLICATIONS**



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LATTY[®]flon 94 L

STATIC SEALING

Characteristics

- Isotropic structure
- Multidirectional fibres providing excellent creep resistance
- Reduced permeability and flexibility for easier cutting and fitting operations
- High elastic recovery and low relaxation

Nature of the testing	Standard used	Measured values
Density	DIN 28090	2,2
Chemical Resistance		pH 0 to 14
Maximum Temperature		260°C
Compressibility	ASTM F36	8 to 12 %
Stress relaxation	ASTM F36	< to 20 %
Residual stress (16 h, 30 MPa, 150 °C)	DIN 529 131	> to 14 N/mm ² < to 20 %
Residual stress		
Thickness loss under load		

Homologations

- Oxygen : BAM
- Food : FDA 177 - 1550 du CFR 21
- Energy : PMUC 17-188
- Gas : AIR LIQUIDE
- Fugitive Emissions : TUV VDI 2440

Fields of application

- Seals for pipe flanges
- Valve body and bonnet seals
- Cover seals

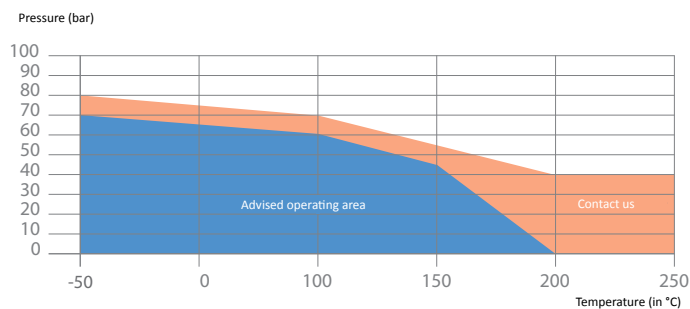
Industries

- Chemical
- Petrochemical
- Pharmaceutical
- Cosmetics
- Food Industry
- Energy

Parameters (not associated)

Maximum operating temperature	-210 to 260°C
Pressure	vacuum at 80 bar
pH-value	0 to 14

Pressure / Temperature



The full chemical inertia of its components provides performing applications over a very wide range of aggressive chemicals*, strong bases and acids, solvents and hydrocarbons.

*With the exception of hydrofluoric acid and molten alkali metal.

Dimensions

Dimensions of the sheet	Thickness
1.5 m x 1.5 m	0.5 mm
1.5 m x 1.5 m	1.0 mm
1.5 m x 1.5 m	1.5 mm
1.5 m x 1.5 m	2.0 mm
1.5 m x 1.5 m	3.0 mm

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

Tightening criteria

	Standards used	Measured values
Minimum tightening force σ_{BU}	DIN 28090	12 N/mm ²
Maximum tightening force σ_{BU}	DIN 28090	80 N/mm ²
Temperature :		
at ambient temp.		45 N/mm ²
at 100°C		35 N/mm ²
at 150°C		28 N/mm ²
Coefficient m	ASTM F36	1,3
Coefficient y	ASTM F36	20

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