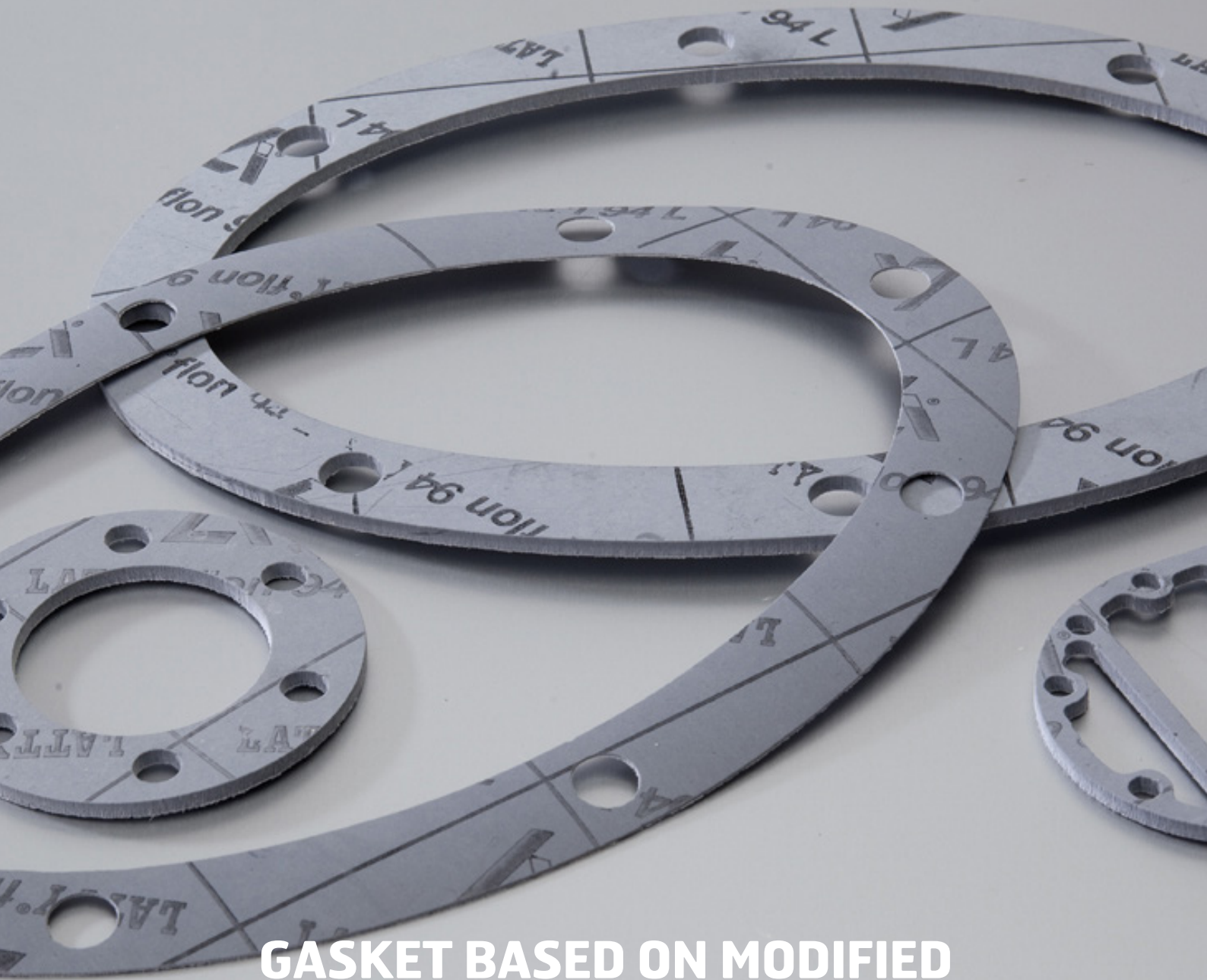


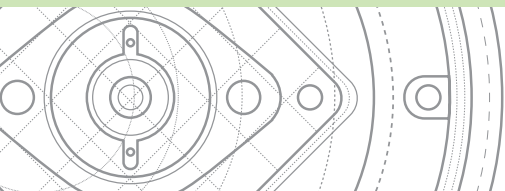
STATIC SEALING



LATTY®flon 94L



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



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 52913	> to 14 N/mm ² < to 20 %
Residual stress		
Thickness loss under load		

Approvals

- ▶ Food CE 1935 / 2004
FDA 177 - 1550 of CFR 21
- ▶ Gas AIR LIQUIDE
- ▶ Oxygen BAM (on request)
- ▶ Energy PMUC (on request)

Fields of application

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

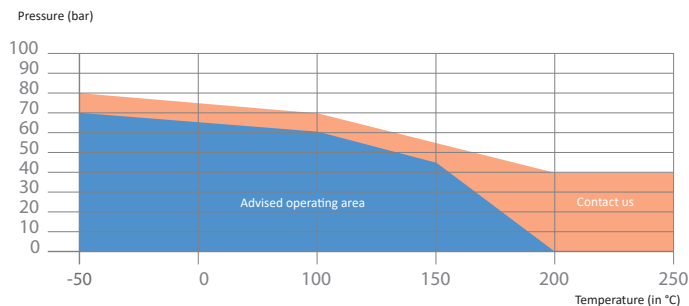
Industries

- ▶ Chemical
- ▶ Petrochemical
- ▶ Pharmaceutical
- ▶ Cosmetics
- ▶ Food
- ▶ Energy

Parameters (not associated)

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