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QUETADURAS / JUNTAS / CIERRES MECANICOS / JUNTAS ROTATIVAS / EMPAQUETADURAS / JUNTAS / CIERR

STATIC SEALING



LATTY[®]flon UNISEAL

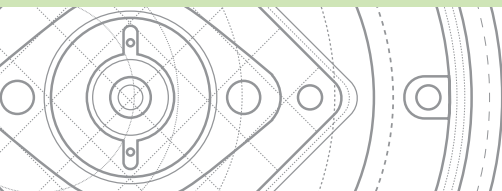


**UNIVERSAL ADHESIVE
SEAL 100 % PTFE**

BAM FDA

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LATTY[®]flon UNISEAL

STATIC SEALING

Characteristics

- Product made of 100% pure PTFE with micro-fibrous structure
- High tensile strength
- Malleable and unalterable material
- Suitable for food and pharmaceutical products (FDA homologation)
- Suitable for corroded as well as for the most fragile surfaces (glazed, enamelled or plastics)

Parameters (not associated)

Maximum operating temperature	-240°C to +290°C
Pressure	200 bar (20 MPa)
In steam environment	Consult us
Tensile strength	50 N/mm ²
pH -value	0 to 14

Choice of the gaskets width

Width of the surface to be sealed (mm)	LATTYflon UNISEAL width x thickness (mm)	If the surfaces to be sealed are irregular, corroded or damaged, it is recommended to choose the seal width that is just above that of the surface width. The more irregular the surface is, the wider the LATTYflon UNISEAL should be.
50	3 x 1,5	
200	5 x 2,0	
600	7 x 2,5	
1500	10 x 3,0	
from 1 500	14 x 5,0	
	17 x 6,0	
	20 x 7,0	
	28 x 5,0	

Fitting recommendations

- Clean the flange
- Stick the seal in the middle of the sealing component
- Close the seal with overlapping opposite to a bolt hole

Dimensions after tightening

Dimensions in the initial state	Dimensions after tightening		
	10 N/mm ²	20 N/mm ²	30 N/mm ²
3 x 1,5	3,5 x 0,42	4,7 x 0,38	5,7 x 0,30
5 x 2,0	5,9 x 0,76	7,2 x 0,62	8,9 x 0,50
7 x 2,5	8,1 x 1,01	10,6 x 0,79	12,3 x 0,70
10 x 3,0	11,8 x 1,18	14,8 x 0,93	17,8 x 0,85
14 x 5,0	18,4 x 1,65	23,2 x 1,25	26,4 x 1,00
17 x 6,0	22,3 x 2,12	26,1 x 1,45	28,2 x 1,25
20 x 7,0	26,7 x 2,35	32,4 x 1,80	36,0 x 1,40
28 x 5,0	33,3 x 1,65	41,5 x 1,25	48,0 x 1,00

Industries

- Water treatment
- Food industry
- Chemical
- Pharmaceutical

Homologations

- Oxygen : BAM
- Food : FDA 177 - 1550 of CFR 21

Dimensions

Codification	width x thickness	Length per reel
49040011	3,0 x 1,5 mm	15 m
49040018	5,0 x 2,0 mm	20 m
49040010	7,0 x 2,5 mm	20 m
49040012	10,0 x 3,0 mm	12 m
49040013	14,0 x 5,0 mm	15 m
49040023	17,0 x 6,0 mm	10 m
49040014	20,0 x 7,0 mm	8 m
50446	28,0 x 5,0 mm	10 m
72476	40,0 x 5,0 mm	10 m

Fields of application

- Flanges, pipes
- Tanks
- Pump casings, housings
- Aerators, dryers
- Reactor vessels
- Enamelled or glass assemblies
- Plastic pipes

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