

LATTY[®]graf EFA

LATTY[®]graf EFA-I LATTY[®]graf EFA G2F

excellent resistance to creep

Expanded graphite sheets (EFA) with impregnated expanded graphite sheets (EFA-I) and with perforated stainless steel reinforcement (EFA G2F).

Range of applications:

- Chemistry and petrochemistry
- Energy
- General industrial applications

Main applications:

- Pipework flange gaskets
- Casing/cover gaskets for valves
- Cover gaskets
- Manhole gaskets

Compatible with all fluids, even corrosive fluids, except strong oxidisers.

Operating parameters (non-associated)

Temperature	-200°C à +550°C
Pressure	(65 MPa) 650 bar
pH	0 - 14

APPROVAL

BAM for LATTY[®]graf EFA and LATTY[®]graf EFA.I

AIR LIQUIDE for LATTY[®]graf EFA

LATTY[®]graf EFA

LATTY[®]graf EFA-1

LATTY[®]graf EFA G2F

Format

- These sheets of 1 m x 1 m et 1.5 m x 1.5 m
With thickness 1.5 – 2 or 3 mm
- Ready cut gaskets to order

Advantages

- High pressure
- High temperature
- High chemical resistance
- Low tightening
- Permanent reaction (low relaxation)

Characteristics

		EFA	EFA	EFA
Thickness	mm	1.5	2	3
Density	g/cm ³	1	1	1
Ash content DIN 51903	%	≤ 2	≤ 2	≤ 2
Extractable chlorine content	ppm	≤ 30	≤ 30	≤ 30
Stainless steel type		ISO 1.4404		
Thickness of the stainless	mm	0.1	0.1	0.1
Number of reinforcement sheets		1	1	2
Initial load	50 N/mm ²			
Stress relaxation (DIN 52913)				
Residual load (after 16 hours at 300°C)	> 48	> 48	> 45	
ASME tightening elements				
Sealing factor	m	3	2.5	2.5
'Y' stress	MPa	~ 60	~ 30	~ 30
Young's modulus	N/mm ²	950	950	950
Compressibility (ASTM F 36)	% 30 to 35	30 to 40	30 to 40	
Elastic recovery (ASTM F 36)	% 15 to 20	15 to 20	15 to 20	

Cross section of the sheet



In our range of expanded graphite

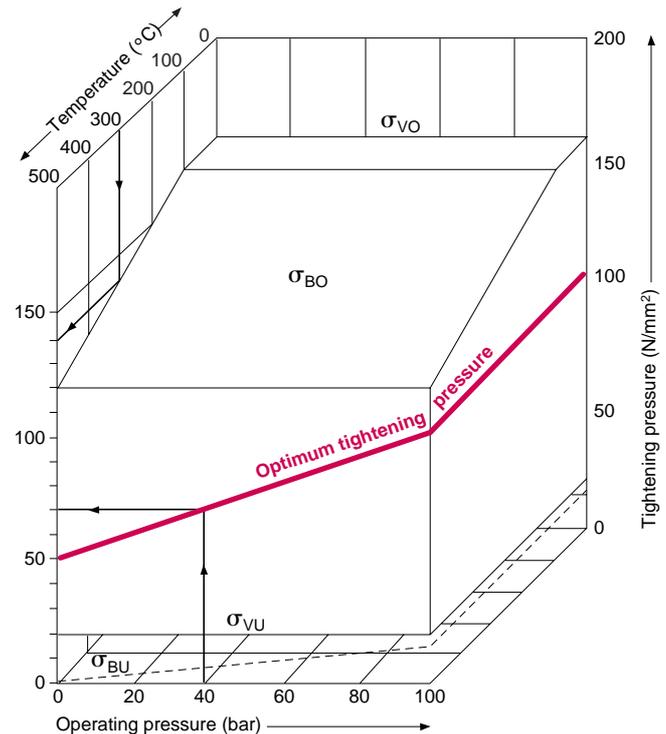
Tapes

LATTY[®]graf E2
LATTY[®]graf E
LATTY[®]graf E1
LATTY[®]graf EMB

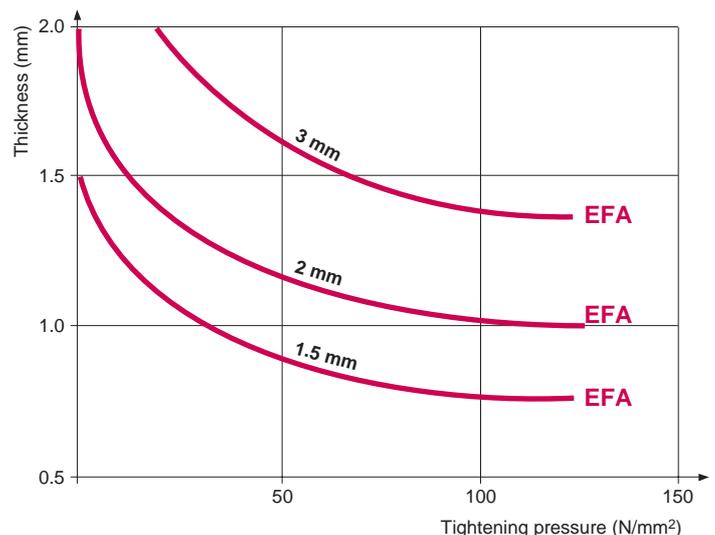
Preformed rings

LATTY[®]graf E/E1
LATTY[®]graf E2/E2P
LATTY[®]graf EMB
LATTY[®]graf EXT/E1XT
LATTY[®]graf EBS
LATTY[®]graf EBST

Recommended range of use (according to DIN 2690)



Thickness variation depending on the tightening pressure



Sheets

LATTY[®]graf EFN
LATTY[®]graf EFI
LATTY[®]graf EFMCL

Flat Gaskets

LATTY[®]graf REFLEX
LATTY[®]graf METAL



LATTY[®] international s.a.

Your source for all sealing solutions

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