



COMPRESSED FIBER GASKETS PLANIFLEX™ PF41G

Composition

Graphitized gasketing sheets with organic fibres and NBR binder.

Characteristics

The compressed fiber gasketing sheets Planiflex™ PF41G are the greatest material for general applications. Economic, secure, tested.

Applications

Planiflex™ PF41G can be applied continuously in the temperature range $-40^{\circ}\text{C} \div 120^{\circ}\text{C}$ and in the pressure ranges up to ratings 600 lbs and PN40. These gaskets show typical chemical compatibility in the middle of the pH range.



Compressed fiber gaskets Planiflex™ PF41G

The Planiflex™ gasketing sheets are made with materials based on aramid fibers and NBR specially selected for meet high performance standards for a wide range of industrial applications. Planiflex™ gaskets are applicable for seal with vapors, lubricants, solvents, gases, steam and many diluted acids and alkalis and can be used as a gasket together with PTFE envelopes.

Tech Data

Properties thickness 1,5 mm	Unit	Value
Binder	--	NBR
Compressibility ASTM F 36	%	9
Recovery ASTM F 36	%	60
Tensile strength DIN 52910	N/mm ²	8
Density +/- 5%	g/cm ³	1,8
Stress resistance DIN 52913		
16 h, 300 °C, 50 N/mm ²	N/mm ²	--
16 h, 175 °C, 50 N/mm ²	N/mm ²	20
Thickness increase acc.to ASTM F 146		
Oil IRM 903, 5 h, 150 °C	%	10
ASTM Fuel B, 5 h, 23 °C	%	10
Distilled water. 5h. 100°C	%	4
Max. operating conditions		
Peak temperature	°C	180
Continuous temperature	°C	140
Continuous temperature with steam	°C	120
Pressure	bar	40

- Never use the product at its maximum rated temperature and pressure. Consult the manufacturer for further information.
- The peak temperature can be sustained only for short exposure periods.
- The dimensional tolerances of the gasketing sheets are: W and L $\pm 3.0\%$, H $\pm 10.0\%$.

Size	1.500 x 1.500 1.500 x 3.000	60" x 60" 60" x 120"
Thickness	0.8 ÷ 5.0	1/32" ÷ 7/32"



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