



COMPRESSED FIBER GASKETS PLANIFLEX™ PF13

Composition

Aramid fibres and CSM binder

Characteristics

The compressed fiber gaskets Planiflex™ PF13 are a material with an excellent chemical resistance and usable with different substances with very aggressive alkalis and acids an excellent. Planiflex™ PF13 shows excellent stress retention properties and excellent sealing performance.

Applications

Planiflex™ PF64 can be applied continuously in the temperature range $-25^{\circ}\text{C} \div 150^{\circ}\text{C}$ and in the pressure ranges up to ratings 600 lbs and PN40. These gaskets show chemical compatibility in the pH range typical of that of CSM rubbers.

Tech Data

Properties thickness 1,5 mm	Unit	Value
Binder	--	CSM
Compressibility ASTM F 36	%	9
Recovery ASTM F 36	%	50
Tensile strength DIN 52910	N/mm ²	9
Density +/- 5%	g/cm ³	1,9
Stress resistance DIN 52913		
16 h, 175 °C, 50 N/mm ²	N/mm ²	25
Thickness increase acc.to ASTM F 146		
40% HNO ₃ 23°C 18h	%	8
65%H ₂ SO ₄ 23°C 48h	%	10
Max. operating conditions		
Peak temperature	°C	200
Continuous temperature	°C	150
Pressure	bar	40

- The peak temperature can be sustained for short exposures
- Do not use the product at maximum temperature values or under pressures higher than those typical of flue gases. Consult the manufacturer for further information.

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"



Compressed fiber gaskets Planiflex™ PF13

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.



The information in this publication, as well as any additional information provided to users, is based on experience and is shared to the best of our current knowledge. However, due to numerous factors beyond our knowledge and control that may affect the use of these products, no warranties are provided or implied regarding this information. The operating limits presented in this publication do not imply that these values can be applied simultaneously. Do not use the product at the maximum temperature and pressure values simultaneously. The maximum temperature is suitable only for short-term exposure under specific conditions. Specifications are subject to change without prior notice.



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