



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/mm2	9
Density +/- 5%	g/cm3	1,9
Stress resistance DIN 52913		
16 h, 175 °C, 50 N/mm2	N/mm2	25
Thickness increase acc.to ASTM F 146		
40% HNO3 23°C 18h	%	8
65%H2SO4 23°C 48h	%	10
Max. operating conditions		
Peak temperature	°C	200
Continuous temperature	°C	150
Pressure	bar	40

- The peak temperature can be sustained only for short exposure periods.
- Do not use the product at maximum temperature values or under pressures higher than those typical of flue gases. Contact 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 provided in this publication, as well as that supplied to users in other forms, is based on our experience and communicated according to the best knowledge available. However, since numerous factors beyond our knowledge and control may influence the use of the products, no warranty, explicit or implicit, is given regarding such content. The operating limits indicated do not constitute confirmation that these values can be applied simultaneously. Avoid using the product at the maximum temperature and pressure limits. The maximum temperature is sustainable only for short periods under specific conditions. Specifications may be changed without notice. The images in the DS may not accurately represent the product's color and/or marking.



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