



# 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.

## 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.

## 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 <sup>2</sup>	9
Density +/- 5%	g/cm <sup>3</sup>	1,9
<b>Stress resistance DIN 52913</b>		
16 h, 175 °C, 50 N/mm <sup>2</sup>	N/mm <sup>2</sup>	25
<b>Thickness increase acc.to ASTM F 146</b>		
40% HNO <sub>3</sub> 23°C 18h	%	8
65%H <sub>2</sub> SO <sub>4</sub> 23°C 48h	%	10
<b>Max. operating conditions</b>		
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"



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