



# COMPRESSED FIBER GASKETS PLANIFLEX™ PF41

## Composition

Organic fiber NBR binder.

## Characteristics

The compressed fiber gasketing sheets Planiflex™ PF41 are the greatest material for general applications. Economic, secure, tested.

## Applications

Planiflex™ PF41 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™ PF41

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/mm2	8
Density +/- 5%	g/cm3	1,8
<b>Stress resistance DIN 52913</b>		
16 h, 300 °C, 50 N/mm2	N/mm2	--
16 h, 175 °C, 50 N/mm2	N/mm2	20
<b>Thickness increase acc.to ASTM F 146</b>		
Oil IRM 903, 5 h, 150 °C	%	10
ASTM Fuel B, 5 h, 23 °C	%	10
Distilled water. 5h. 100°C	%	4
<b>Max. operating conditions</b>		
Peak temperature	°C	180
Continuous temperature	°C	140
Continuous temperature with steam	°C	120
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.
- 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	0.4 $\div$ 5.0	1/64" $\div$ 3/16"



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