



# COMPRESSED FIBER GASKETS PLANIFLEX™ PF65

## Composition

Inorganic synthetic fiber and glass, inert filler and NBR binder

## Characteristics

The compressed fiber gasketing sheets Planiflex™ PF65 are a material with an excellent parameter of relaxation stress and perfect for steam applications. Suitable with oils, gas, fuels and weak inorganic acids.

## Applications

Planiflex™ PF65 can be applied in the temperature range  $-40^{\circ}\text{C} \div 330^{\circ}\text{C}$  and in the pressure ranges up to ratings 300 lbs and PN25 for RF flanges. These gaskets show chemical compatibility in the pH range typical of that of nitrile rubbers.

## Tech Data

Properties thickness 1,5 mm	Unit	Value
Compressibility ASTM F 36	%	10
Recovery ASTM F 36	%	55
Tensile strength DIN 52910	N/mm <sup>2</sup> - Fb/inch	9
Density +/- 5%	g/cm <sup>3</sup>	1,9
Stress resistance DIN 52913	-	-
16 h, 300 °C, 50 N/mm <sup>2</sup>	N/mm <sup>2</sup>	29
16 h, 175 °C, 50 N/mm <sup>2</sup>	N/mm <sup>2</sup>	34
Thickness increase acc.to ASTM F 146	-	-
Oil IRM 903, 5 h, 150 °C	%	6
ASTM Fuel B, 5 h, 23 °C	%	6
Distilled water. 5h. 100°C	%	2
Max. operating conditions	-	-
Peak temperature	°C	400
* Continuous temperature	°C	330
- With steam	°C	250
* Pressure	bar	120

- Never use the product to the maximum temperature and pressure associated. Consult the manufacturer for further information
- The peak temperature can be sustained for short exposures
- The dimensional tolerances of the gasketing sheets are: W and L  $\pm 5,0\%$ , 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" $\div$ 7/32"



## Compressed fiber gaskets Planiflex™ PF65

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. The picture in the DS may not accurately depict the exact color and/or markings of the product.

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