



# COMPRESSED FIBER GASKETS PLANIFLEX™ PF41RG

## Composition

Graphitized wire reinforced gasketing sheets with organic fibres and NBR binder.

## Characteristics

Planiflex™ PF41RG 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.

## 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/mm <sup>2</sup>	15
Density +/- 5%	g/cm <sup>3</sup>	2,3
<b>Stress resistance DIN 52913</b>		
16 h, 300 °C, 50 N/mm <sup>2</sup>	N/mm <sup>2</sup>	--
16 h, 175 °C, 50 N/mm <sup>2</sup>	N/mm <sup>2</sup>	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

- 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

Size	1.500 x 1.500 1.500 x 3.000	60"x60" 60"x120"
Thickness	0.8 ÷ 5.0	1/32" ÷ 7/32"



## Compressed fiber gaskets Planiflex™ PF41RG

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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