



# 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 and otherwise provided to users is based on experience and is provided to the best of our current knowledge. Due to many factors which are beyond our knowledge and control affecting the use of the products, no warranties are given or are to be held implied with respect to such information. The operating limits shown in this publication do not constitute a statement that these values can be applied simultaneously. Do not use the product at the associated maximum temperature and pressure values. The maximum temperature can be sustained for short exposures in particular conditions. Specifications are subject to change without notice.

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