

# 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°C÷330°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	
Binder	-	NBR	
Compressibility ASTM F 36	%	10	
Recovery ASTM F 36	%	55	
Tensile strength DIN 52910	N/mm²	9	
Density +/- 5%	g/cm³	1,9	
Stress resistance DIN 52913			
16 h, 300 °C, 50 N/mm2	N/mm²	29	
16 h, 175 °C, 50 N/mm2	N/mm²	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  $\pm$  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 ÷ 5.0	1/64" ÷ 3/16"



## 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<sup>™</sup> 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.



