

# COMPRESSED FIBER GASKETS PLANIFLEX™ PF41G

### Composition

Graphitized gasketing sheets with organic fibres and NBR binder.

#### **Characteristics**

The compressed fiber gasketing sheets Planiflex™ PF41G are the greatest material for general applications. Economic, secure, tested.

#### **Applications**

Planiflex™ PF41G can be applied continuously in the temperature range -40°C÷120°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/mm2	8	
Density +/- 5%	g/cm3	1,8	
Stress resistance DIN 52913			
16 h, 300 °C, 50 N/mm2	N/mm2		
16 h, 175 °C, 50 N/mm2	N/mm2	20	
Thickness increase acc.to ASTM F 146			
Oil IRM 903, 5 h, 150 °C	%	10	
ASTM Fuel B, 5 h, 23 °C	%	10	
Distilled water. 5h. 100°C	%	4	
Max. operating conditions			
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
- ullet 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	0.8 ÷ 5.0	1/32" ÷ 7/32"



## Compressed fiber gaskets Planiflex™ PF41G

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.



