

COMPRESSED FIBER GASKETS PLANIFLEX™ PF41

Composition

Organic fiber NBR binder.

Characteristics

The compressed fiber gasketing sheets Planiflex $^{\text{TM}}$ PF41 are the greatest material for general applications. Economic, secure, tested.

Applications

Planiflex™ PF41 can be applied continuously in the temperature range -40°C \div 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	

- The peak temperature can be sustained for short exposures
- Do not use the product at maximum temperature values or under pressures higher than those typical of flue gases. Consult the manufacturer for further information.
- $\bullet~$ 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™ PF41

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.



