

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

Tooli Dutu			
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" × 60" 60" × 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[™] 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.



