

GASKETING SHEET PLANIFLEX™ PF64

Composition

Aramid fibres, inert filler and NBR binder

Characteristics

The compressed fiber gaskets Planiflex™ PF64 are a material with an excellent sealing performance, usable with oils, gas, fuel and inorganic acids. Planiflex™ PF64 shows excellent stress retention properties and excellent sealing performance.

Applications

Planiflex™ PF64 can be applied continuously in the temperature range -40°C÷250°C and in the pressure ranges up to ratings 600 lbs and PN40. 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	%	11	
Recovery ASTM F 36	%	55	
Tensile strength DIN 52910	N/mm2	8	
Density	g/cm3	1.7	
Stress resistance DIN 52913			
16 h, 300 °C, 50 N/mm2	N/mm2	25	
16 h, 175 °C, 50 N/mm2	N/mm2	28	
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	%	≤ 3	
Max. operating conditions			
Peak temperature	°C	350	
Continuous temperature	°C	250	
Continuous temperature with steam	°C	220	
Pressure	bar	100	
Insulating			
ACV for 60 seconds	V	1000	
DCW for 60 seconds	V	1000	
IR for 10 seconds	Mohm	> 1	

- 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 exposure
- The dimensional tolerances of the gasketing sheets are: W and L ± 3,0%, H ± 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"



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Gasketing sheet Planiflex™ PF64

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.

