



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 IIR 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 at its maximum rated temperature and pressure. Consult the manufacturer for further information.
- The peak temperature can be sustained only for short exposure periods.
- 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" x 60" 60" x 120"
Thickness	0.4 ÷ 5.0	1/64" ÷ 3/16"



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