



GASKETING SHEET PLANIFLEX™ PF63

Composition

Aramid fibres and NBR binder

Characteristics

The compressed fiber gaskets Planiflex™ PF63 are a material with an excellent sealing performance, usable with oils, gas, fuel. Planiflex™ PF63 shows excellent stress retention properties and excellent sealing performance.

Applications

Planiflex™ PF63 can be applied continuously in the temperature range -40°C÷180°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
Compressibility ASTM F 36		%	11
Recovery ASTM F 36		%	50
Tensile strength DIN 52910		N/mm2	6
Density +/- 5%		g/cm3	1,9
Stress resistance DIN 52913			
16 h, 175 °C, 50 N/mm2		N/mm2	25
Thickness increase acc.to ASTM F 146			
Oil IRM 903, 5 h, 150 °C		%	12
ASTM Fuel B, 5 h, 23 °C		%	10
Max. operating conditions			
Peak temperature		°C	250
Continuous temperature		°C	180
Continuous temperature with steam		°C	150
Pressure		bar	50



Gasketing sheet Planiflex™ PF63

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.

- 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 $\pm 3.0\%$, H $\pm 10.0\%$.

Size	1.500 x 1.500 1.500 x 3.000	60"x60" 60"x120"
Thickness	0.4 ÷ 5.0	1/64" ÷ 3/16"



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