



# 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  $-45^{\circ}\text{C} \div 250^{\circ}\text{C}$  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	%	$\geq 8$
Recovery ASTM F 36	%	$\geq 50$
Stress relaxation ASTM F38	%	15
Specific Leakage Rate	mg/m/s	$\leq 0.05$
Density	g/cm <sup>3</sup>	1.7
<b>Thickness increase acc.to ASTM F 146</b>		
Oil IRM 903, 5 h, 150 °C	%	$\leq 10$
ASTM Fuel B, 5 h, 23 °C	%	$\leq 10$
<b>Volume change acc.to EN ISO 23936-2</b>		
Hydrocarbon, 72 h, 90 °C	%	$\leq 10$
Sea Water, 72 h, 90 °C	%	$\leq 10$
<b>Max. operating conditions</b>		
Peak temperature	°C	350
Continuous temperature	°C	250
Continuous temperature with steam	°C	220
Low Temperature	°C	-45
Pressure	bar	70

- 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" x 60" 60" x 120"
Thickness	0.5 ÷ 5.0	1/64" ÷ 3/16"



## 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.



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