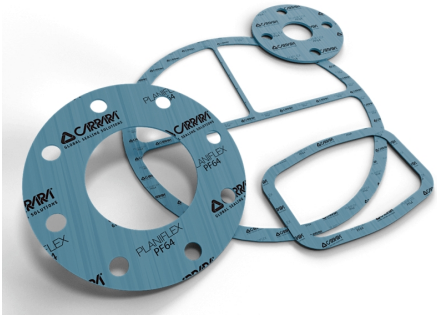
GASKETING SHEET PLANIFLEX™ PF64

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.



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.

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 at its maximum rated temperature and pressure simultaneously. 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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CARRARA® GLOBAL SEALING SOLUTIONS

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