COMPRESSED FIBER GASKETS PLANIFLEX™ PF65

Composition
Inorganic synthetic fiber and glass, inert filler and NBR binder

Characteristics
The compressed fiber gasketing sheets Planiflex™ PF65 are a material with an excellent parameter of relaxation stress and perfect for steam applications. Suitable with oils, gas, fuels and weak inorganic acids.

Applications
Planiflex™ PF65 can be applied in the temperature range -40°C÷330°C and in the pressure ranges up to ratings 300 lbs and PN25 for RF flanges. 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	%	10
Recovery ASTM F 36	%	55
Tensile strength DIN 52910	N/mm^2	9
Density +/- 5%	g/cm^3	1,9
Stress resistance DIN 52913		
16 h, 300 °C, 50 N/mm2	N/mm^2	29
16 h, 175 °C, 50 N/mm2	N/mm^2	34
Thickness increase acc.to ASTM F 146		
Oil IRM 903, 5 h, 150 °C	%	6
ASTM Fuel B, 5 h, 23 °C	%	6
Distilled water. 5h. 100°C	%	2
Max. operating conditions		
Peak temperature	°C	400
Continuous temperature	°C	330
With steam	°C	250
Pressure	bar	120

- 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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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.

The information provided in this publication, as well as that supplied to users in other forms, is based on our experience and communicated according to the best knowledge available. However, since numerous factors beyond our knowledge and control may influence the use of the products, no warranty, explicit or implicit, is given regarding such content. The operating limits indicated do not constitute confirmation that these values can be applied simultaneously. Avoid using the product at the maximum temperature and pressure limits. The maximum temperature is sustainable only for short periods under specific conditions. Specifications may be changed without notice. The images in the DS may not exactly represent the product, its color and/or marking.

CARRARA® GLOBAL SEALING SOLUTIONS

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