COMPRESSED FIBER GASKETS PLANIFLEX™ PF41RG

Composition

Graphitized wire reinforced gasketing sheets with organic fibres and NBR binder.

Characteristics

Planiflex™ PF41RG can be applied continuously in the temperature range -40°C÷120°C and in the pressure ranges up to ratings 600 lbs and PN40. These gaskets show typical chemical compatibility in the middle of the pH range.

Tech Data

Properties thickness 1,5 mm	Unit	Value
Binder	--	NBR
Compressibility ASTM F 36	%	9
Recovery ASTM F 36	%	60
Tensile strength DIN 52910	N/mm2	15
Density +/- 5%	g/cm3	2,3
Stress resistance DIN 52913		
16 h, 300 °C, 50 N/mm2	N/mm2	--
16 h, 175 °C, 50 N/mm2	N/mm2	20
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	%	4
Max. operating conditions		
Peak temperature	°C	180
Continuous temperature	°C	140
Continuous temperature with steam	°C	120
Pressure	bar	40

- 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”x60” 60”x120”
Thickness	0.8 ÷ 5.0	1/32” ÷ 7/32"



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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.

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