

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 to the maximum temperature and pressure associated. Consult the manufacturer for further information
- The peak temperature can be sustained for short exposures
- $\bullet~$ 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 | 0.8 ÷ 5.0 | 1/32" ÷ 7/32" |



Compressed fiber gaskets Planiflex™ PF41RG

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.



