



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

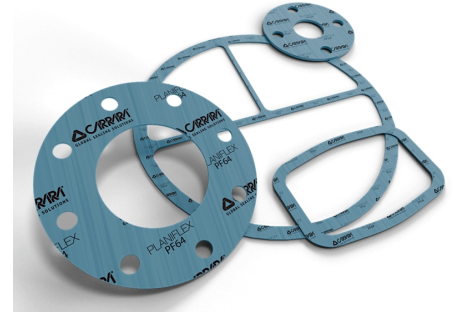
Planiflex™ PF64 can be applied continuously in the temperature range -45°C÷250°C and in the pressure ranges up to ratings 600 lbs and PN40. These gaskets show chemical compatibility in the pH range typical of that of nitrile rubbers.

Tech Data

| Properties thickness 1,5 mm | Unit | Value |
|---|--------|--------|
| Binder | -- | NBR |
| Compressibility ASTM F 36 | % | ≥ 8 |
| Recovery ASTM F 36 | % | ≥ 50 |
| Stress relaxation ASTM F38 | % | 15 |
| Specific Leakage Rate | mg/m/s | ≤ 0.05 |
| Density | g/cm3 | 1.7 |
| Thickness increase acc.to ASTM F 146 | | |
| Oil IRM 903, 5 h, 150 °C | % | ≤ 10 |
| ASTM Fuel B, 5 h, 23 °C | % | ≤ 10 |
| Volume change acc.to EN ISO 23936-2 | | |
| Hydrocarbon, 72 h, 90 °C | % | ≤10 |
| Sea Water, 72 h, 90 °C | % | ≤10 |
| Max. operating conditions | | |
| 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 to the maximum temperature and pressure associated. Consult the manufacturer for further information
- The peak temperature can be sustained for short exposures
- 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 | 0.5 ÷ 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.



The information in this publication, as well as any additional information provided to users, is based on experience and is shared to the best of our current knowledge. However, due to numerous factors beyond our knowledge and control that may affect the use of these products, no warranties are provided or implied regarding this information. The operating limits presented in this publication do not imply that these values can be applied simultaneously. Do not use the product at the maximum temperature and pressure values simultaneously. The maximum temperature is suitable only for short-term exposure under specific conditions. Specifications are subject to change without prior notice. The picture in the DS may not accurately depict the exact color and/or markings of the product.



Carrara S.p.A.,
Via Provinciale 1/E - 25030 Adro - BS - Italia
tel. +39 030 7451121 / fax +39 030 7451130
www.carrara.it - info@carrara.it