# COMPRESSED FIBER GASKETS PLANIFLEX™ PF41

## Composition
Organic fiber NBR binder.

## Characteristics
The compressed fiber gasketing sheets Planiflex™ PF41 are the greatest material for general applications. Economic, secure, tested.

## Applications
Planiflex™ PF41 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.



Compressed fiber gaskets Planiflex™ PF41

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 | % | 9 |
| Recovery ASTM F 36 | % | 60 |
| Tensile strength DIN 52910 | N/mm2 | 8 |
| Density +/- 5% | g/cm3 | 1,8 |
| **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 |

- The peak temperature can be sustained only for short exposure periods.
- Do not use the product at maximum temperature values or under pressures higher than those typical of flue gases. Contact the manufacturer for further information.
- The dimensional tolerances of the gasketing sheets are: W and L ±3.0%, H ±10.0%.

| | | |
|---|---|---|
| Size | 1.500 x 1.500<br>1.500 x 3.000 | 60” x 60”<br>60" x 120" |
| Thickness | 0.4 ÷ 5.0 | 1/64” ÷ 3/16” |

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CARRARA® GLOBAL SEALING SOLUTIONS

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