



COMPRESSED FIBER GASKETS PLANIFLEX™ PF13

Composition

Aramid fibres and CSM binder

Characteristics

The compressed fiber gaskets Planiflex™ PF13 are a material with an excellent chemical resistance and usable with different substances with very aggressive alkalis and acids an excellent. Planiflex™ PF13 shows excellent stress retention properties and excellent sealing performance.

Applications

Planiflex™ PF64 can be applied continuously in the temperature range -25°C÷150°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 CSM rubbers.

Compressed fiber gaskets Planiflex™ PF13

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 | -- | CSM |
| Compressibility ASTM F 36 | % | 9 |
| Recovery ASTM F 36 | % | 50 |
| Tensile strength DIN 52910 | N/mm2 | 9 |
| Density +/- 5% | g/cm3 | 1,9 |
| Stress resistance DIN 52913 | | |
| 16 h, 175 °C, 50 N/mm2 | N/mm2 | 25 |
| Thickness increase acc.to ASTM F 146 | | |
| 40% HNO3 23°C 18h | % | 8 |
| 65%H2SO4 23°C 48h | % | 10 |
| Max. operating conditions | | |
| Peak temperature | °C | 200 |
| Continuous temperature | °C | 150 |
| Pressure | bar | 40 |

- The peak temperature can be sustained for short exposures
- Do not use the product at maximum temperature values or under pressures higher than those typical of flue gases. Consult the manufacturer for further information.

| | | |
|-----------|--------------------------------|-------------------------|
| Size | 1.500 x 1.500 1.500 x 3.000 | 60" x 60" 60" x 120" |
| Thickness | 0.8 ÷ 5.0 | 1/32" ÷ 7/32" |



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