



PTFE JOINTING SHEET PLANIFLON™ B13

Composition

- Modified PTFE resin
- Silica filler

Characteristics

The Planiflon™ range has been developed to operate from cryogenic temperatures up to 260°C and can be used with all the most aggressive fluids (ph 0-14). Planiflon™ B13 is a gasketing sheet that exhibits excellent chemical resistance, with moderate gas permeability. The creep properties are markedly better when compared to conventional PTFE. It can be used with strong acids (except hydrofluoric acid) and is suitable for applications with fuels, solvents, water, steam and chlorine.

Applications

Planiflon™ B13 is suitable for industrial applications for sealing the flanges and has the following certificates:

- TA LUFT
- DVGW
- BAM
- FDA

Tech Data

Planiflon™ B13

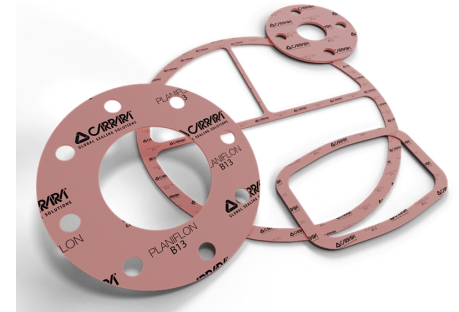
| | | | |
|------------------------|------------|-------------------|-----------|
| Colour | | | Fawn |
| Filler | | | Silica |
| Density | | g/cm ³ | |
| Temperature | | °C | -268/+268 |
| Max operating pressure | | bar | 83 |
| P x T max | | bar x °C | - |
| thickness 0,5 to 2,0 | | | 12000 |
| thickness 3,0 | | | 8600 |
| Compression range | DIN 3535-6 | % | >4 |
| Creep | DIN 3535-6 | % | <24 |
| Recovery | DIN 3535-6 | % | >1.7 |
| Leakage | DIN 3535-6 | mg*s-1*m-1 | <0.05 |
| PH Range | | | 0 ÷ 14 |
| Tolerances L and W | | mm | +/- 50 |
| Tolerances Thickness | | % | +/-10 |

- 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
- Other gasketing sheet dimensions and thicknesses are available on request

| | | |
|-----------|---------------|------------|
| Size | 1.500 x 1.500 | 60" X 60" |
| Thickness | 0,75 ÷ 6,00 | 1/32 ÷ 1/4 |



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.



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The bidirectional structured PTFE gasketing sheets Planiflon™ are made with special resins and inorganic fillers. The special processing technique minimizes the material's cold flow, giving to the sheets the characteristic attribute of bidirectionality. The product range of the Planiflon™ includes the following products:

- **B13** - Modified PTFE with silica filler
- **B14** - Modified PTFE with hollow glass microspheres filler
- **B15** - Modified PTFE with barium sulphate filler
- **B58** - Microcellular Modified PTFE layers with pure modified PTFE core
- **B60** - Microcellular Modified PTFE with Inorganic fillers
- **E12** - Bi-directional expanded PTFE

 **CARRARA**
GLOBAL SEALING SOLUTIONS

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