PLANICHEM SICHEM SOLUTIONS

SICHEM S59



| Bidirectional PTFE | Sichem S59 |
|-------------------------------|---|
| Composition | Modified PTFE with Mica filler |
| Density ASTMF 1315 | 2.1 g/cm ³ |
| Minimum operating temperature | -260 °C |
| Maximum operating temperature | +260 °C |
| Max operating pressure | 80 bar |
| P x T Max.(Thk 0.8 - 2.0 mm) | 12000 Bar x °C |
| P x T Max. (Thk 3.0 mm) | 8500 Bar x °C |
| Leakage DIN 3535-6 | <0.005 mg*s-1*m-1 |
| Creep relaxation DIN 3535-6 | <42 % |
| Compressibility DIN 3535-6 | >4.8 % |
| Recovery DIN 3535-6 | >3.2 % |
| Minimum PH | 0 |
| Maximum PH | 14 |
| Available sheets size | 1.500x1.500 mm 1.750x1.750 mm |
| Available thickness | 0,75 mm 1,0 mm 2,0 mm 2,5 mm 3,0 mm 4,0 mm 5,0 mm 6,0 mm |
| Sheet size tolerance | 50 mm |
| Thickness tolerance | 10 % |
| | |



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.

Planichem s.r.l.