

## TECHNICAL DATA SHEET

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| Colour   |  |
| Composition  | Microcellular Modified PTFE with mica  |
| Density<br>ASTM F 1315 (g/cm <sup>3</sup> )                  | 1.2  |
| Temperature operating range (°C)                             | -260/+260  |
| Max operating pressure (bar)                                 | 50   |
| P x T Max. (Thk 0.8 - 2.0 mm)<br>(bar x °C)                  | 12000  |
| P x T Max. (Thk 3.0 mm)<br>(bar x °C)                        | 8500   |
| Leakage<br>DIN 3535-6 (mg*s <sup>-1</sup> *m <sup>-1</sup> ) | <0.001   |
| Creep relaxation<br>DIN 3535-6 (%)                           | <16  |
| Compressibility<br>DIN 3535-6 (%)                            | >50  |
| Recovery<br>DIN 3535-6 (%)                                   | >5   |
| pH range   | 0-14   |
| Availability<br>Sheets size (mm)                             | 1.500x1.500<br>1.750x1.750   |
| Thickness (mm)   | 1,5/2,0/3,0/4,0/5,0/6,0  |
| Tollerances<br>Sheets size (mm)                              | +/- 50   |
| Thickness (%)  | +/- 10   |

Other sheet sizes and thicknesses available upon request.  
 Maximum temperature and pressure values cannot be used simultaneously.  
 Typical parameters of 2 mm thickness jointing.  
 For a detailed list of our approvals please visit the dedicated area on our website  
[www.fmi-spa.com/approvals](http://www.fmi-spa.com/approvals)

All technical data is based on laboratory tests.  
 FMI spa reserves the right to modify the characteristics of its entire product range without obligation to anyone.

