

# Leader Fybar PT 20

## Rubberbonded Fiber Jointing Sheets

### DESCRIPTION

Fibre PT20 consists of mineral and aramid fiber, NBR bound. Fiber gasket for low temperature. Suitable for pressure testing.

### APPLICATION

utilities and non-aggressive media such as water, air, oil, greases and fuels

### DELIVERY OPTIONS

Flange gaskets and sheets are available in thickness of

0,5mm, 1mm, 1,5mm, 2mm and 3mm. Other thicknesses available on request.. Standard gaskets can be supplied in accordance with ASME B16.21, EN12560-1 as well as EN1514-1. Non-standard or special gaskets can be manufactured according to customer drawings, or by given sizes or Edrawing.

### TEMPERATURE

Temperature from -30 °C up to +130 °C

### TECHNICAL DATA

|  |         |
|--|---------|
| max Temperature [°F]   | 260     |
| density [g/cm <sup>3</sup> ]   | 1,6 - 2 |
| Minimum initial stress [DIN E 2505 part 2] [N/mm <sup>2</sup> ]            | 20      |
| Maximum initial stress [DIN E 2505 part 2] [N/mm <sup>2</sup> ]            | 120     |
| M-Value  | 2.5     |
| Y- Value [psi]   | 2175    |
| ASTM F36 Recovery [% min]  | 45      |
| Gasket required flange roughness [Ra micron]                               | 3,2-6,3 |
| Gasket required flange roughness [RMS]                                     | 125-250 |
| max Seating stress [Q <sub>smax</sub> bei RT EN13555] [n/mm <sup>2</sup> ] | 130     |
| Residual stress at 175°C [DIN 52913] [Mpa]                                 | 20      |
| Tensile Strength (quer) DIN 52910 [N/mm]                                   | 7,5     |
| compressability, [ASTM F36], [%]   | 5 to 15 |
| ASTM F146 Fuel B @ 70-85 F Thick. Increase [%]                             | 9       |
| IRM 903 @ 300 oF Thickness Increase [%]                                    | 4       |
| ASTM Fuel B @ 70-85 oF Weight Increase [%]                                 | 11      |
| Rubber Binder  | NBR     |

### LOCATIONS

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