



| Compressed fiber                           | Flexseals 500                             |
|--------------------------------------------|-------------------------------------------|
| Composition                                | Carbon fibres and high quality NBR binder |
| Minimum density DIN 28090-2                | 1.6 g/cm <sup>3</sup>                     |
| Maximum density DIN 28090-2                | 1.9 g/cm <sup>3</sup>                     |
| Maximum operating temperature              | 250 °C                                    |
| Max recommended Peak Temperature           | 450 °C                                    |
| Max operating pressure                     | 10 Mpa                                    |
| Leakage DIN 3535-6                         | 0.05 mg*s-1*m-1                           |
| Residual Stress* 16h/175 °C Din 52913      | 32 Mpa                                    |
| Compressibility ASTM F 36-J                | 5-15 %                                    |
| Recovery ASTM F 36-J min.                  | 50 %                                      |
| ASTM OIL -IRM 903 5h/150 °C max ASTM F 146 | 3 %                                       |
| ASTM FUEL B 5h/23 °C max ASTM F 146        | 5 %                                       |
| Available sheets size                      | 1500x1500 mm<br>1500x3000 mm              |
| Available thickness                        | from 0.5 to 5 mm                          |
| Sheet size tolerance                       | 50 mm                                     |
| Thickness tolerance                        | 10 %                                      |



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