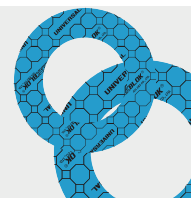


# Compressed Asbestos-Free Gasket **LEAKBLOK® Premium P200**



| MATERIAL PROPERTIES |                                                                                                                  | SERVICE RANGE                                                                                                                                                                                                        |  |
|---------------------|------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| Product Name        | LEAKBLOK® Premium P200                                                                                           |                                                                                                                                                                                                                      |  |
| Color               | Blue(Black Printed)                                                                                              |                                                                                                                                                                                                                      |  |
| Composition         | Aramid Fiber + NBR Binder                                                                                        |                                                                                                                                                                                                                      |  |
| Fluids Service      | Portable Water, Oils, Fuels, Salt Solution, Mild acids and alkalis, gas line                                     |                                                                                                                                                                                                                      |  |
| Pressure            | Short-term peak<br>80bar (1160 psi)                                                                              |                                                                                                                                                                                                                      |  |
| Temperature         | Continuous<br>-150°C(-238°F) ~ 220°C(428°F)<br>Short-term peak<br>-196°C(-321°F) ~ 350°C(660°F)                  |                                                                                                                                                                                                                      |  |
| pH range            | 4-11                                                                                                             |                                                                                                                                                                                                                      |  |
| Thickness           | 0.8 ~ 3.2(mm)                                                                                                    |                                                                                                                                                                                                                      |  |
| Size                | 1500(W)×1500(L),1500(W)×3000(L)<br>Available in Rolls.<br>Other Size can be available, if required.              |                                                                                                                                                                                                                      |  |
| Certificates        | Lloyd's & ABS Type Approval , TA-Luft(VDI 2440), WRAS, BS 7531 Grade Y<br>Fire Endurance Test(ISO 19921 & 19922) |                                                                                                                                                                                                                      |  |
|                     |                                                                                                                  | <b>Area (A)</b> Satisfactory area subject to chemical compatibility<br><b>Area (B)</b> Usually suitable but required technical recommend by JEIL Technical team<br><b>P×T(Max)</b> psi ×°F(bar×°C) / 496,480(17,600) |  |

| PHYSICAL PROPERTIES |                                             |                                             | IMMERSION PROPERTIES |                        |                |
|---------------------|---------------------------------------------|---------------------------------------------|----------------------|------------------------|----------------|
| Test Method         | Description                                 | LEAKBLOK® P200                              | Test Method          | Description            | LEAKBLOK® P200 |
| ASTM D792           | Density (g/cm³)                             | 1.9                                         | ASTM F146            |                        |                |
| ASTM F152           | Tensile Strength Across grain.MPa (kgf/mm²) | 15.0(1.53)                                  | at 150°C×5hrs        |                        |                |
| ASTM F36            | Compressibility (%)                         | 9                                           | ASTM Oil no 3        | Thickness Increase (%) | 3              |
| Procedure J         | Recovery (%)                                | 71                                          | at 20~30°C×5hrs      |                        |                |
| DIN 3535 -6         | Gas permeability (ml/min)                   | ≤ 0.01                                      | ASTM Fuel B          | Thickness Increase (%) | 6              |
| DIN 52913           | Relaxation Stress(MPa)                      |                                             |                      | Weight Increase (%)    | 9              |
|                     | - 50MPa 16 hours @175°C                     | 38.2                                        |                      |                        |                |
| BS 7531             | Relaxation Stress(MPa)                      |                                             |                      |                        |                |
|                     | - 40MPa 16 hours @300°C                     | 23.7                                        |                      |                        |                |
| VDI 2440 (TA -Luft) | Leak rate ( mbar.l /(s.m) )                 | 2·10 <sup>-8</sup>                          |                      |                        |                |
|                     | -at 150°C 48 hours                          |                                             |                      |                        |                |
|                     |                                             |                                             | GASKET DESIGN DATA   |                        |                |
| Thickness (mm)      | Gasket Factor(m)                            | Min. Design Seating Stress(y) Kgf/cm² (psi) |                      |                        |                |
| 3.2                 | 2.00                                        | 112(1600)                                   |                      |                        |                |
| 1.6                 | 2.75                                        | 260(3700)                                   |                      |                        |                |
| 0.8                 | 3.50                                        | 457(6500)                                   |                      |                        |                |

\* All data are 1.5mm thickness typical value.

Innovative technology, LEAKBLOK®, absolutely distinguished from the traditional way of calendar roll production, It specially invented with environmentally friendly solvent free process.  
Compare with previous product, it shows strong durability and superior at low seating stress.  
Suitable for use steam and clean line, excellent protection of fluid contamination.

## WARNING

- Not available with max. temperature & pressure at the same time
- Guide line only, if outside this range contact us.
- Do not re-use gaskets unless this is specifically indicated.
- Do not use gasket compounds with gasket as this will adversely affect performance.
- Please consult with JEIL's Technical team for application of steam & explosive gas line especially.
- Please consult to maximum length with JEIL sales team.