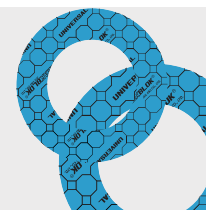


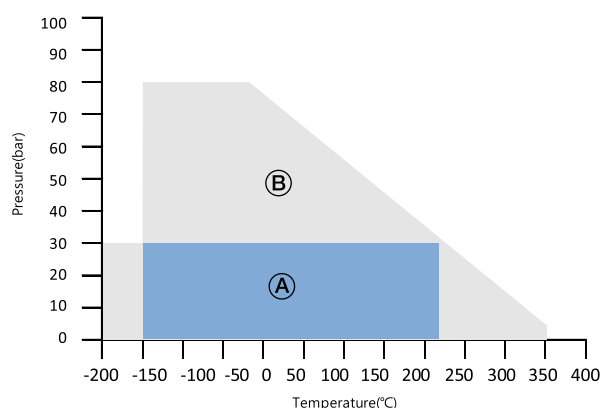
Compressed Asbestos-Free Gasket **LEAKBLOK® Premium P200**



MATERIAL PROPERTIES

| | |
|-----------------------|--|
| 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 80bar (1160 psi) |
| Temperature | Continuous -150°C(-238°F) ~ 220°C(428°F) Short-term peak -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) Available in Rolls. Other Size can be available, if required. |
| Certificates | Lloyd's & ABS Type Approval , TA-Luft(VDI 2440), WRAS, BS 7531 Grade Y Fire Endurance Test(ISO 19921 & 19922) |

SERVICE RANGE



| | |
|-----------------|--|
| Area (A) | Satisfactory area subject to chemical compatibility |
| Area (B) | Usually suitable but required technical recommend by JEIL Technical team |
| P×T(Max) | psi × °F (bar×°C) / 496,480(17,600) |

PHYSICAL PROPERTIES

| Test Method | Description | LEAKBLOK® P200 |
|-------------------------|---|--------------------|
| ASTM D792 | Density (g/cm³) | 1.9 |
| ASTM F152 | Tensile Strength Across grain.MPa (kgf/mm²) | 15.0(1.53) |
| ASTM F36 Procedure J | Compressibility (%) Recovery (%) | 9 71 |
| DIN 3535 -6 | Gas permeability (ml/min) Relaxation Stress(MPa) | ≤ 0.01 |
| DIN 52913 | - 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)) -at 150°C 48 hours | 2·10 ⁻⁸ |

IMMERSION PROPERTIES

| Test Method | Description | LEAKBLOK® P200 |
|-----------------------------|---|----------------|
| ASTM F146 at 150°C x5hrs | | |
| ASTM Oil no 3 | Thickness Increase (%) | 3 |
| at 20~30°C x5hrs | | |
| ASTM Fuel B | Thickness Increase (%) Weight Increase (%) | 6 9 |

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.