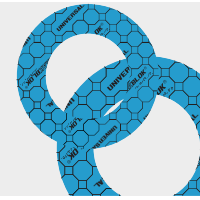


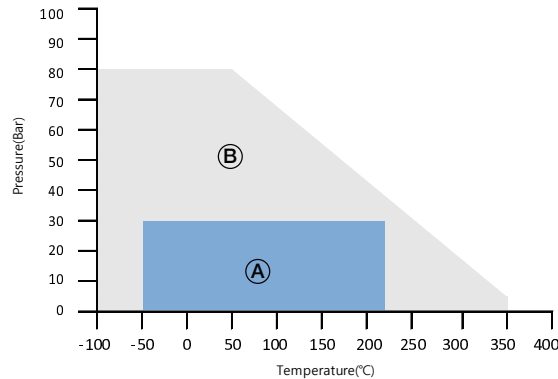
# Compressed Asbestos-Free Gasket Premium P200



## MATERIAL PROPERTIES

<b>Product Name</b>	LEAKBLOK® Premium P200
<b>Color</b>	Blue(Black Printed)
<b>Composition</b>	Aramid Fiber + NBR Binder
<b>Fluids Service</b>	Portable Water, Oils, Fuels, Salt Solution, Mild acids and alkalis, gas line
<b>Pressure</b>	Short-term peak 80kg/cm2 (1140 psi)
<b>Temperature</b>	Continuous -50℃(-58°F) ~ 220℃(428°F)  Short-term peak Max 350℃(660°F)
<b>pH range</b>	4-11
<b>Thickness</b>	0.8 ~ 3.2(mm)
<b>Size</b>	1270(W)×1270(L), 3M~10M, 15M~20M(L) 1500(W)×1500(L), 3M~10M, 15M~20M(L)
<b>Certificates</b>	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)<sup>2</sup>** psi × °F (bar × °C) / 487,000(17,600)

## PHYSICAL PROPERTIES

Test Method	Description	LEAKBLOK® P200
ASTM D792	Density (g/cm <sup>3</sup> )	1.9
ASTM F152	Tensile Strength Across grain.MPa (kgf/mm <sup>2</sup> )	15.0(1.53)
ASTM F36	Compressibility (%)	9
Procedure J	Recovery (%)	71
DIN 3535 -6	Gas permeability (ml/min)	≤ 0.01
DIN 52913	Relaxation Stress(MPa) - 50MPa 16 hours @175℃	38.2
BS 7531	Relaxation Stress(MPa) - 40MPa 16 hours @300℃	23.7
VDI 2440 (*TA -Luft)	Leak rate ( mbar-l / (s·m) ) -at 150℃ 48 hours	2·10 <sup>-8</sup>

## IMMERSION PROPERTIES

Test Method	Description	LEAKBLOK® P200
ASTM F146 at 150℃×5hrs		
ASTM Oil no 3	Thickness Increase (%)	3
at 20~30℃×5hrs		
ASTM Fuel B	Thickness Increase (%)	6
	Weight Increase (%)	9

## GASKET DESIGN DATA

Thickness (mm)	Gasket Factor(m)	Min. Design Seating Stress(y) Kgf/cm <sup>2</sup> (psi)
3.2	2.00	112(1600)
1.6	2.75	260(3700)
0.8	3.50	457(6500)

1) 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.