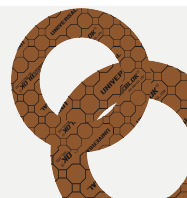


Compressed Asbestos-Free Gasket **LEAKBLOK® Premium P400**



MATERIAL PROPERTIES		SERVICE RANGE	
Product Name	LEAKBLOK® Premium P400		
Color	Brown(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 100bar (1450 psi)		
Temperature	Continuous -150°C(-238°F) ~ 260°C(500°F) Short-term peak -196°C(-321°F) ~ 430°C(806°F)		
pH range	4-11		
Thickness	0.8 ~ 3.2(mm)	Area (A) Satisfactory area subject to chemical compatibility Area (B) Usually suitable but required technical recommend by JEIL Technical team	
Size	1500(W)×1500(L),1500(W)×3000(L) Available in Rolls. Other Size can be available, if required.	P×T(Max) psi × °F (bar × °C) / 725,000(26,000)	

PHYSICAL PROPERTIES			IMMERSION PROPERTIES		
Test Method	Description	LEAKBLOK® P400	Test Method	Description	LEAKBLOK® P400
ASTM D792	Density (g/cm³)	1.9	ASTM F146		
ASTM F152	Tensile Strength Across grain. MPa (kgf/mm²)	16.7(1.70)	at 150°C×5hrs		
ASTM F36 Procedure J	Compressibility (%) Recovery (%)	8 63	ASTM Oil no 3	Thickness Increase (%)	4
DIN 52913	Relaxation Stress(MPa) - 50MPa 16 hours @300°C	38.2	at 20~30°C×5hrs		
BS 7531	Relaxation Stress(MPa) - 40MPa 16 hours @300°C	25.1	ASTM Fuel A	Thickness Increase (%)	1
DIN 3535 -6	Gas permeability (ml/min)	≤ 0.01	ASTM Fuel B	Thickness Increase (%) Weight Increase (%)	4 12
VDI 2440 (TA - Luft)	Leak rate (mbar.l /(s.m)) - at 150°C 48 hours	2·10 ⁻⁸	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.