

Non Asbestos Gasket Specification PDF

Working Pressure: 1.0 MPa ~ 4.0 MPa

Working Temperature: 150℃ ~ 350℃

Standard Sizes:

4600 × 1500 × (0.3 – 6.0) mm

4100 × 1500 × (0.3 – 6.0) mm

3810 × 1270 × (0.3 – 6.0) mm

3800 × 2700 × (0.3 – 6.0) mm

2000 × 1500 × (0.3 – 6.0) mm

1500 × 1360 × (0.3 – 6.0) mm

1270 × 1270 × (0.3 – 6.0) mm

1500 × 1500 × (0.3 – 6.0) mm

Other sizes can be customized upon request.

Packaging: Rolls and Wooden Pallets

Grades (according to temperature & pressure):

NXB150#, NXB200#, NXB250#, NXB300#, NXB350#

Alternative Names: Non-Asbestos Sheet, Asbestos-Free Rubber Sheet, Aramid Fiber Sheet

Production Standard: GB/T 22209-2021

Physical Properties of Non-Asbestos Rubber Sheet

Item	Unit	NXB150	NXB250	NXB350
Density	g/cm ³	1.8 ± 0.2	1.8 ± 0.2	1.8 ± 0.2
Transverse Tensile Strength	MPa ≥	7.0	9.0	12.0
Compressibility	%	30 ± 5	12 ± 5	12 ± 5
Recovery	% ≥	50	40	45
Creep Relaxation	% ≤	50	45	45
Flexibility	—	No Cracks	No Cracks	No Cracks
Fluid Resistance	—	—	—	—
Thickness Increase after Immersion in ASTM IRM903 Oil (150℃ ± 1℃, 5h)	%	0–5	0–25	0–25
Weight Increase after Immersion in ASTM Fuel Oil B (20–30℃, 5h)	%	0–25	0–20	0–20

Item	Unit	NXB150	NXB250	NXB350
Thickness Increase after Immersion in Water (100℃ ± 2℃, 5h)	%	0–20	0–15	0–15
Gas Tightness (N ₂ pressure: 1.0 MPa, gasket load: 35.0 MPa)	ml/min ≤	0.01	0.05	0.05
Gas Permeability (N ₂ pressure: 4.0 MPa, gasket load: 32.0 MPa)	ml/min ≤	0.2	1.0	1.0