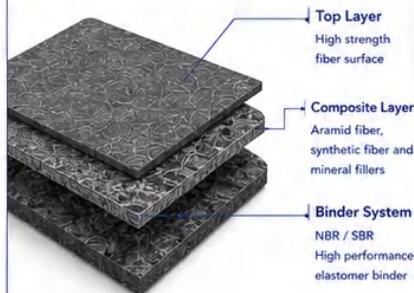




ASBESTOS-FREE SEALING SHEET & GASKET

PREMIUM NON-ASBESTOS FIBER COMPOSITE • HIGH PERFORMANCE • RELIABLE SEALING SOLUTIONS

MATERIAL STRUCTURE



Compressed non-asbestos fiber composite material manufactured with high quality fibers, mineral fillers and premium elastomer binders. Designed for excellent sealing performance under high pressure and extreme conditions.



TECHNICAL SPECIFICATIONS

Property	Typical Value
Material	Compressed Non-Asbestos Fiber Composite
Color	Dark Gray
Density	1.6 – 2.0 g/cm ³
Tensile Strength (ASTM F152)	≥ 8.0 MPa
Compressibility (ASTM F36J)	8 – 18 %
Recovery (ASTM F36J)	≥ 50 %
Creep Relaxation (ASTM F38)	≤ 35 %
Stress Relaxation (DIN 52913)	≥ 35 MPa
Sealability (DIN 3535-6)	≤ 0.10 mg/(s·m)
Operating Temperature	-200°C to +300°C
Maximum Pressure	Up to 10 MPa
pH Range	2 – 12
Conformity	RoHS Compliant

THICKNESS OPTIONS

Thickness (mm)	Tolerance (mm)
0.5	±0.05
0.8	±0.05
1.0	±0.05
1.5	±0.10
2.0	±0.10
3.0	±0.15
5.0	±0.20
Custom	Available

PHYSICAL PROPERTIES

Property	Test Method	Typical Value
Density	ASTM F1315	1.6 – 2.0 g/cm ³
Tensile Strength	ASTM F152	≥ 8.0 MPa
Compressibility	ASTM F36J	8 – 18 %
Recovery	ASTM F36J	≥ 50 %
Creep Relaxation	ASTM F38	≤ 35 %
Stress Relaxation	DIN 52913	≥ 35 MPa
Sealability	DIN 3535-6	≤ 0.10 mg/(s·m)

OPERATING PERFORMANCE

- Operating Temperature: -200°C ~ +300°C
- Maximum Pressure: Up to 10 MPa
- pH Range: 2 – 12
- Excellent Sealing
- Long Service Life

CHEMICAL RESISTANCE

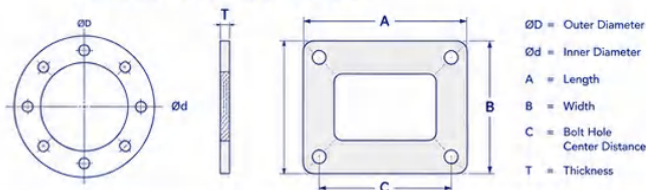
Water	●	●	●	●	●	●
Steam	●	●	●	●	●	●
Mineral Oil	●	●	●	●	●	●
Fuel Oil	●	●	●	●	●	●
Hydraulic Oil	●	●	●	●	●	●
Weak Acid	●	●	●	●	○	○
Strong Acid	●	●	○	○	○	○
Weak Alkali	●	●	●	●	○	○
Strong Alkali	●	●	○	○	○	○
Organic Solvents	●	●	●	●	○	○

● Excellent ○ Good ○ Fair ○ Poor

STANDARD SHEET DIMENSIONS

Size (mm)	Thickness Range (mm)
1000 × 1000	0.5 – 5.0
1500 × 1500	0.5 – 5.0
1500 × 3000	0.5 – 5.0
2000 × 2000	0.5 – 5.0
Custom Size	Available

DIMENSIONAL DRAWING (REFERENCE)



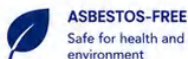
APPLICATIONS

- Oil & Gas Industry
- Chemical Processing
- Power Generation
- Pumps & Valves
- Heat Exchangers
- Boilers & Steam Systems
- Compressors
- Industrial Pipelines

PRECISION DIE-CUT GASKET PROFILES



TYPICAL APPLICATION EXAMPLES



ASBESTOS-FREE
Safe for health and environment



HIGH PERFORMANCE
Excellent sealing under high pressure



RELIABLE & DURABLE
Long service life and stable performance



COST-EFFECTIVE
Lower maintenance and replacement cost



CUSTOM SOLUTIONS
Custom sizes, thickness and die-cut parts