



Hengshui Aohong Technology Co., Ltd.

Hengshui Aohong

**Sealing
Materials**



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1. Company Profile

Hengshui Aohong is a factory-based manufacturer and exporter specializing in sealing materials for industrial applications. With integrated production lines and experienced engineering teams, we design and produce a wide range of products including sealing sheets, gaskets, and braided packing suitable for oil & gas, petrochemical, power, marine, HVAC, automotive and general industrial use.

As an ISO-certified company (e.g., ISO quality management standard), we implement strict quality control at every step — incoming raw material inspection, production monitoring, and final testing — to ensure product consistency and reliability. We offer OEM/ODM services, custom dimensions and material grades, and can support small sample orders as well as bulk shipments.

Our global sales network covers distributors, OEMs and end-users across North America, Europe, Southeast Asia, Latin America and the Middle East. Combined with export experience, logistic partnerships and responsive technical support, we help international buyers shorten lead time and reduce procurement risk. Contact Hengshui Aohong for datasheets, samples, and quotations — we focus on supplying dependable sealing solutions that meet your project requirements.

Headquarters: Hengshui, Hebei, China.

Business Scope: Design, manufacture and supply of industrial sealing materials including gasket sheets, gland packing, and custom





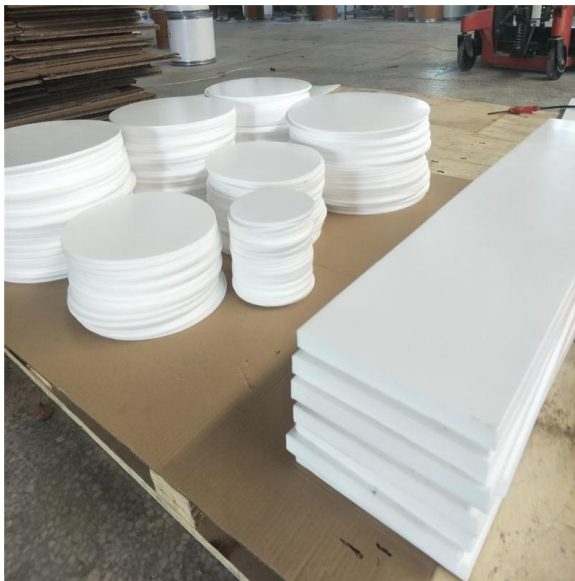
industrial gaskets for oil & gas, petrochemical, power generation, marine, and general industrial markets.

Mission: To deliver safe, high-performance sealing solutions that increase equipment reliability and reduce lifecycle cost for our customers.

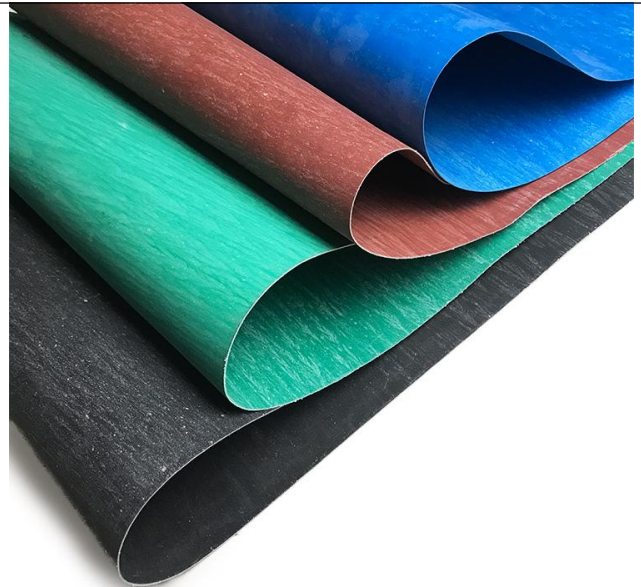
Vision: To be a globally recognized manufacturer of premium sealing materials, trusted for quality, innovation, and sustainability.

2. Product Categories

2.1 Gasket Sheet

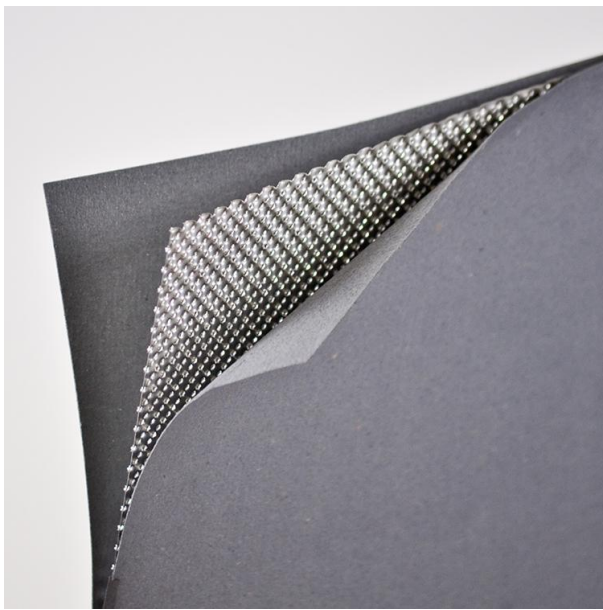


[PTFE Sheet](#)



[Non-Asbestos Gasket Sheet](#)





Graphite Sheet



Asbestos Gasket Sheet



Rubber Sheet



Beater Sheet/Paper

Material	Temp Range (°C)	Max Pressure (bar)	Typical Thickness (mm)	Key Use
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Material	Temp Range (°C)	Max Pressure (bar)	Typical Thickness (mm)	Key Use
PTFE (pure)	-200 to 260	≤ 100	0.5 / 1.0 / 1.5 / 3.0	Chemicals, food, pharma
Compressed Non-Asbestos (CNAS)	-40 to 230	≤ 100	0.5 / 1.0 / 1.5 / 2.0	General purpose, oil & water
Flexible Graphite (with/without facing)	-200 to 450	≤ 250	0.5 / 1.0 / 2.0	Steam, high temp services
Elastomeric (NBR / EPDM / FKM)	-50 to 200	≤ 40	1.0 / 2.0 / 3.0	Low pressure, water, HVAC

- Non-Asbestos Gasket Sheet
- PTFE Sheet
- Flexible Graphite Sheet
- Rubber Sheet
- Beater Sheet / Paper
- Asbestos Gasket Sheet

2.2 Gland Packing





[PTFE packing](#)



[Kevlar Aramid Packing](#)

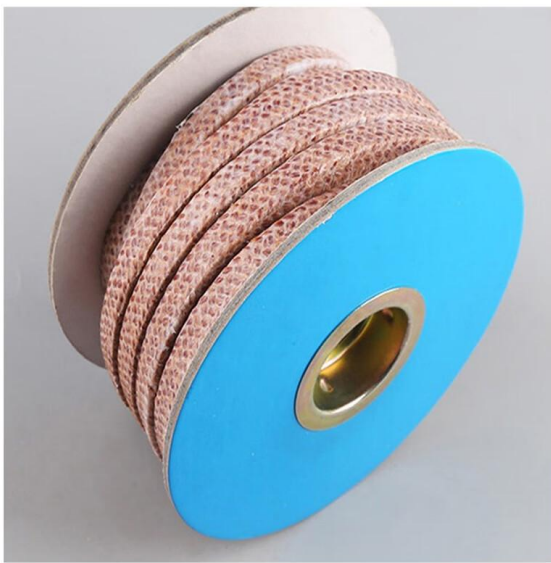


[Graphite Packing](#)



[Ramie Fiber Packing](#)





Phenolic Packing



Carbon Fiber Packing



Acrylic Fiber Packing



Asbestos Gland Packing



Gland Packing Ring

Material	Temp Range (°C)	Max Pressure	Typical Cross-section	Recommended Uses
Graphite	-200 to 450	≤ 200	8 x 8 mm, 10 x 10 mm, 12 x 12 mm	Steam, hot oil, high temp rotating shafts
PTFE	-200 to 260	≤ 100	3/8", 1/2", 5/8" (9.5, 12.7, 15.9 mm)	Chemicals, corrosive media, low friction



Material	Temp Range (°C)	Max Pressure	Typical Cross-section	Recommended Uses
Aramid / Synthetic	-40 to 250	≤ 100	1/4", 3/8", 1/2"	Abrasive slurries, general purpose
Carbon / Graphite / PTFE hybrid	-100 to 300	≤ 160	10 x 10 mm, 12 x 12 mm	High pressure, low leak critical services

- Gland Packing Ring
- Acrylic Fiber Packing
- Asbestos Gland Packing
- PTFE Packing
- Graphite Packing
- Carbon Fiber Packing
- Kevlar / Aramid Packing
- Phenolic Packing
- Ramie Fiber Packing

2.3 Industrial Gasket





Exhaust Gasket



Non-Asbestos Gasket



PTFE gasket



Spiral Wound Gasket





Graphite Gasket



Rubber Gasket



Asbestos Gasket



Material	Temp Range (°C)	Max Pressure (bar)	Typical Thickness (mm)	Key Applications
Graphite (flexible)	-200 to 450	≤ 250	0.5 / 1.0 / 2.0	Steam, high-temp services
PTFE (pure)	-200 to 260	≤ 100	0.5 / 1.5 / 3.0	Chemical, food, pharma
Rubber (EPDM)	-40 to 150	≤ 16	1.5 / 3.0	Water, HVAC
Spiral-wound (metal + filler)	-200 to 550	≤ 400	ASME standard	High pressure / temp

- Graphite Gasket
- Spiral Wound Gasket
- Rubber Gasket
- Asbestos Gasket
- Non-Asbestos Gasket
- Exhaust Gasket
- PTFE Gasket





3. Services

Pre-Sales Service

- Technical consultation and material recommendation based on operating conditions.
- Sample supply and performance trials.
- Quotation and material comparison.

Sales Process (During Purchase)

- Order confirmation and contract support.
- Production scheduling and progress updates.
- Quality inspection reports and packing details provided.

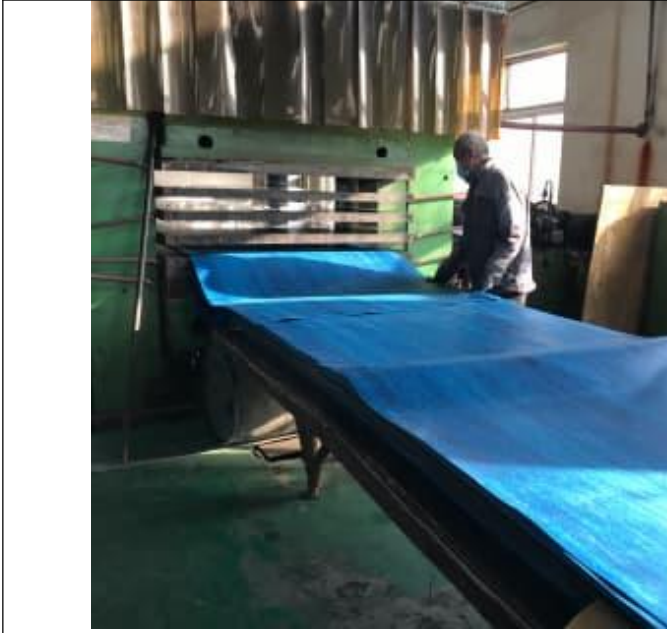
After-Sales Service

- Warranty support and replacement policies.
- Technical troubleshooting and field support.
- Long-term maintenance & spare part supply agreements.

4. Production Facilities

Factory Panorama:







Production Line Flow: Raw material → Mixing / Cutting → Forming / Pressing → Heat treatment → Trimming → Quality inspection → Packaging → Shipping

Key Production Equipment:

- High-capacity calendering lines for sheet production
- Precision winding machines for spiral wound gaskets
- CNC cutting and die-cutting presses
- High-temperature furnaces and vulcanizing presses

Production Capacity (example figures — replace with actual data):

- Sheet Production Capacity: 2,000 tons/year
- Gland Packing Production: 500,000 rings/year
- Custom Gasket Fabrication: 150,000 pieces/year



5. Quality Control

Testing Equipment & Procedures:

- Compression set and tensile testers for rubber and PTFE products.
- Helium & bubble leak testers for gasket sealing verification.
- Chemical resistance benches and aging ovens.
- Thickness, density and hardness measuring equipment.

Certifications: **ISO 9001**

Quality Commitment: We adhere to strict incoming material checks, in-process control and final inspection to ensure consistent product performance and traceability.

6. Team & Corporate Culture

Management Team:

- QA Manager: [Name] — Quality systems and compliance.

Core Team Highlights: Experienced R&D engineers, seasoned production supervisors, and dedicated QC personnel.

Corporate Culture: Safety-first, customer-centric, continuous improvement, and teamwork.

Employee Size: 100+ employees across manufacturing and support functions

7. Customer Cases & Testimonials

Selected Success Stories:

- Case 1 — Major Petrochemical Plant: Custom graphite gaskets





delivered with enhanced leak resistance, resulting in 18-month MTBF improvement.

- Case 2 — Power Generation Supplier: PTFE sheet solutions reduced downtime by improving flange sealing reliability.

Customer Testimonials:

"Aohong provided reliable sealing solutions that helped us extend maintenance intervals." — Nathan Marshall, Maintenance Manager

"Professional technical support and fast delivery." — Romero, Procurement

8. Contact Information

Company	Aohong
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