INDUSTRIAL SEALING SOLUTIONS

LIANSEAL

Gland Packing & PTFE Sealing Solutions

Pure PTFE · Graphite PTFE · Pure Graphite · Aramid Fiber

Expanded PTFE Tape · Fiberglass Rope · Graphite Yarn

A Brand of Hangzhou Yufeng Sealing Materials Co., Ltd | Made in China

About Lianseal

Lianseal is a professional brand of industrial sealing products, backed by **Hangzhou Yufeng Sealing Materials Co., Ltd.**, a manufacturer located in Hangzhou, Zhejiang, China.

We specialize in the development and production of high-performance gland packings and PTFE sealing products. Combining experienced technical staff with advanced braiding technology, we serve customers across the petroleum, chemical, power-generation, pharmaceutical, food-processing and general industrial sectors worldwide.

From standard sizes to custom and OEM orders, every product is manufactured under strict quality control with a commitment to reliability and durability.

Product Range

- Pure PTFE Packing
- Graphite PTFE Packing
- Pure Graphite Packing
- Aramid Fiber Packing
- Graphite PTFE w/ Aramid Corners
- Expanded PTFE Tape
- Fiberglass Rope
- Graphite Yarn

Why Choose Lianseal

★
Factory Direct
Competitive pricing straight from the manufacturer.

⚙
Custom & OEM
Custom sizes, materials and private-label branding.

✓
Quality Control
Strict inspection on every production batch.

✈
Global Shipping
Reliable export packing and fast worldwide delivery.

01 Pure PTFE Packing

Model YF-1001



Pure PTFE packing is braided from high-quality PTFE yarn, impregnated with PTFE dispersion and a lubricant. It is suitable for all media except molten alkali metals and free fluoride ions.

It is used for sealing flanges, valves, reactors and pumps in non-contaminating industrial fields such as the chemical and food industries, and can also be applied to all chemical media except soluble alkali metals. With flexible adjustability it fits well with shafts and stuffing boxes, offering outstanding corrosion resistance, good self-lubrication and anti-sticking performance.

TYPICAL APPLICATIONS

Chemical & food processing · Flanges, valves, reactors, pumps

Technical Specifications

Model	YF-1001
Working Pressure	15 / 100 / 150 MPa
Temperature	-200 ~ +260 °C
Linear Speed	0 ~ 8 m/s
pH Range	0 ~ 14
Packaging	5 kg or 10 kg per roll

02

Graphite PTFE Packing

Model YF-2001



Graphite PTFE packing is a specially engineered yarn combining graphite and PTFE. As both PTFE and graphite are excellent sealing materials, this gives the packing exceptional sealing properties that other products cannot offer.

It provides excellent thermal conductivity, low friction and superior chemical resistance, making it an ideal choice for pumps, valves and rotating shafts in demanding environments.

TYPICAL APPLICATIONS

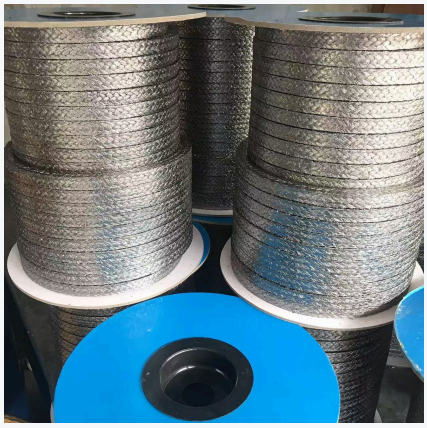
Pumps & valves · Rotating equipment · General chemical service

Technical Specifications

Model	YF-2001
Working Pressure	20 / 100 / 200 MPa
Temperature	-200 ~ +280 °C
Linear Speed	0 ~ 16 m/s
pH Range	0 ~ 14
Packaging	5 kg or 10 kg per roll

03 Pure Graphite Packing

Model YF-3001



This high-temperature, high-pressure graphite packing is suitable for sealing almost all media except a few strong oxidizing agents. It is designed for hot water, high-temperature / high-pressure steam, heat-exchange media, hydrogen, ammonia, organic solvents, hydrocarbons and cryogenic liquids.

YF-3001 features high mechanical strength, excellent versatility, superior flexibility and high durability, providing effective protection for the shaft. When combined with general braided packings it offers more perfect and secure sealing performance — the most effective solution for complex high-temperature, high-pressure sealing challenges.

TYPICAL APPLICATIONS

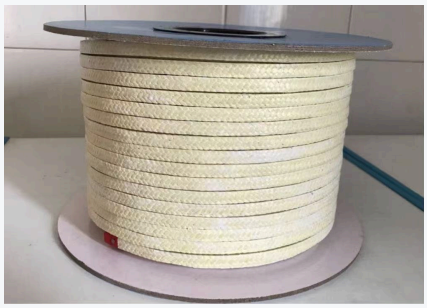
Petroleum · Power plants · Chemicals · Steel mills

Technical Specifications

Model	YF-3001
Working Pressure	20 / 100 / 250 MPa
Temperature	-200 ~ +560 °C
Linear Speed	0 ~ 20 m/s
pH Range	0 ~ 14
Packaging	5 kg or 10 kg per roll

04 Aramid Fiber Packing

Model YF-4001



Aramid fiber packing is braided from high-quality DuPont aramid fiber, impregnated with PTFE and a lubricant additive. It shows good chemical resistance, high elasticity and very low cold flow.

It can resist severe media and higher pressures, making it an ideal choice for slurry service applications where mechanical strength and abrasion resistance are essential.

TYPICAL APPLICATIONS

Slurry service · Pumps · High-load rotating equipment

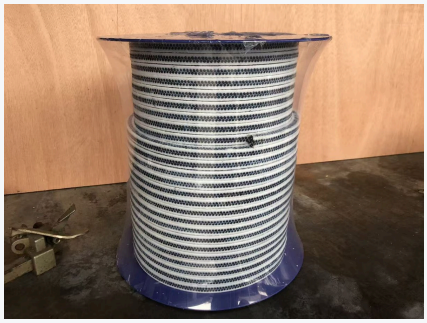
Technical Specifications

Model	YF-4001
Working Pressure	20 / 50 / 100 MPa
Temperature	-50 ~ +130 °C
Linear Speed	0 ~ 12 m/s
pH Range	5 ~ 11
Packaging	5 kg or 10 kg per roll

05

Graphite PTFE Packing with Aramid Corners

Model YF-5008



Graphite PTFE packing with aramid corners is a multi-yarn packing. The corners are made of aramid fiber yarns impregnated with graphite PTFE, while the friction faces are made of graphite PTFE yarns.

This construction enhances the lubrication ability of the aramid fiber and improves the strength of the pure graphite PTFE, making it ideal for high-speed rotating equipment and high-pressure applications.

TYPICAL APPLICATIONS

High-speed rotary equipment · High-pressure service

Technical Specifications

Model	YF-5008
Working Pressure	15 / 100 / 200 MPa
Temperature	-200 ~ +280 °C
Linear Speed	0 ~ 25 m/s
pH Range	2 ~ 12
Packaging	5 kg or 10 kg per roll

06

Expanded PTFE Joint Sealant Tape



Expanded PTFE joint sealant tape is a white, 100% pure expanded PTFE product with a continuous band structure. It offers excellent flexibility, resilience, resistance to both high and low temperatures and outstanding corrosion resistance, with no ageing and self-lubricating properties.

It is widely used for sealing flange faces in enamel-, glass-, plastic-, rubber- and graphite-lined equipment and heat exchangers, as well as ventilation ducts, concrete lids, FRP, compressors, hydraulic & pneumatic systems and water systems — especially for flanges whose surface finish is poor or irregular in shape.

TYPICAL APPLICATIONS

Flange sealing · Lined equipment · Heat exchangers · Pipelines

Technical Specifications

Material	100% Pure Expanded PTFE
Density	0.7 ~ 0.8 g/cm^3
Temperature	-240 ~ +270 °C (briefly +315 °C)
Pressure Limit	20 MPa
pH Range	0 ~ 14
Packaging	Carton box

Additional Products

Fiberglass Rope

Glass fiber rope is made of braided glass fiber, with a round, rectangular or square section. It is widely used in centrifugal pumps, compressors, vacuum pumps, mixers, ship propeller shaft seals and piston pumps.

Color	White
Diameter	5 ~ 50 mm
Temperature	450 ~ 550 °C
Density	1.1 g/cm³
Shape	Round / Square / Rectangle
Packaging	10 kg per roll

Graphite Yarn

Graphite yarn for braided expanded graphite packing, made from flexible graphite reinforced with cotton, glass fiber, polyester fiber or carbon fiber. Available with Inconel wire (LS-7060E, also SS304, copper or nickel) or impregnated with PTFE (LS-7060P). Standard weights: 2 / 3 / 5 / 10 g/m.

Custom manufacturing. Many more sizes, materials and braiding constructions are available on request. Please contact us with your technical requirements and we will recommend the most suitable product.

LIANSEAL

Gland Packing & PTFE Sealing Solutions

Contact	Tim Song
Email	steve@lianseal.com
Website	www.lianseal.com
Factory	Hangzhou Yufeng Sealing Materials Co., Ltd Hangzhou, Zhejiang, China

Quality | Reliability | Service

© 2026 Lianseal. All rights reserved.