

LINQSEAL GS-PTFE



PTFE Flat Gasket

- Exceptional chemical resistance
- High temperature stability (-180 °C to 260 °C)
- Hydrophobic and non-corrosive

LINQSEAL GS-PTFE gaskets are made from a synthetic fluoropolymer of tetrafluoroethylene, known for its exceptional properties. The C-F bond within its polymer structure imparts inherent hydrophobicity, rendering PTFE ideal for applications requiring resistance to moisture and water-based substances.

LINQSEAL GS-PTFE boasts outstanding dielectric properties and remarkable temperature stability, ranging from -180 °C to 260 °C. Its unparalleled chemical resistance extends to acids, bases, and solvents. PTFE exhibits one of the lowest coefficients of friction against any solid, ensuring effective sealing and prolonged service life even in the most challenging environments. With all these exceptional properties, PTFE gaskets are widely used in industries requiring robust sealing solutions, including but not limited to automotive, aerospace, and manufacturing sectors.

Custom **LINQSEAL GS-PTFE** gaskets can be tailored precisely to your specifications and drawings. The thickness ranges from 0.5 to 5.0 millimeters. The maximum dimensions are 1500 × 1500 mm², while the minimum dimensions are 100 × 100 mm².

Specifications

Property	Value	Unit
Density	2.10–2.30	g/cm ³
Color	White	–
Compressibility	21	%
Tensile Strength	21–28	MPa
Elongation at Break	150	%
Leakage Rate	0.60×10 ⁻³	
Dielectric Strength	10	kV/mm
Operating Temperature	-180 to 260	°C

Storage and Handling

For best results, store LINQSEAL GS-PTFE gaskets in a dry, cool, and well-ventilated area with the container tightly closed. Avoid contact with strong oxidizing agents to maintain product integrity.

Europe

Industrieweg 15E,
1566JN Assendelft
The Netherlands
Phone: +31 (20) 893 2224
Email: info@caplinq.com

Canada

80 Sirocco Crescent
Ottawa ON, K2S 2C9
Canada
Phone: +1 (613) 482-2215
Email: info@caplinq.com



North America

36927 Schoolcraft Rd
Livonia, MI 48150
United States
Phone: +1 (313) 558-8243
Email: info@caplinq.com

South East Asia

S-08-07 Persiaran Triangle
B Lepas, Penang 11900
Malaysia
Phone: +60 (12) 4302223
Email: info@caplinq.com