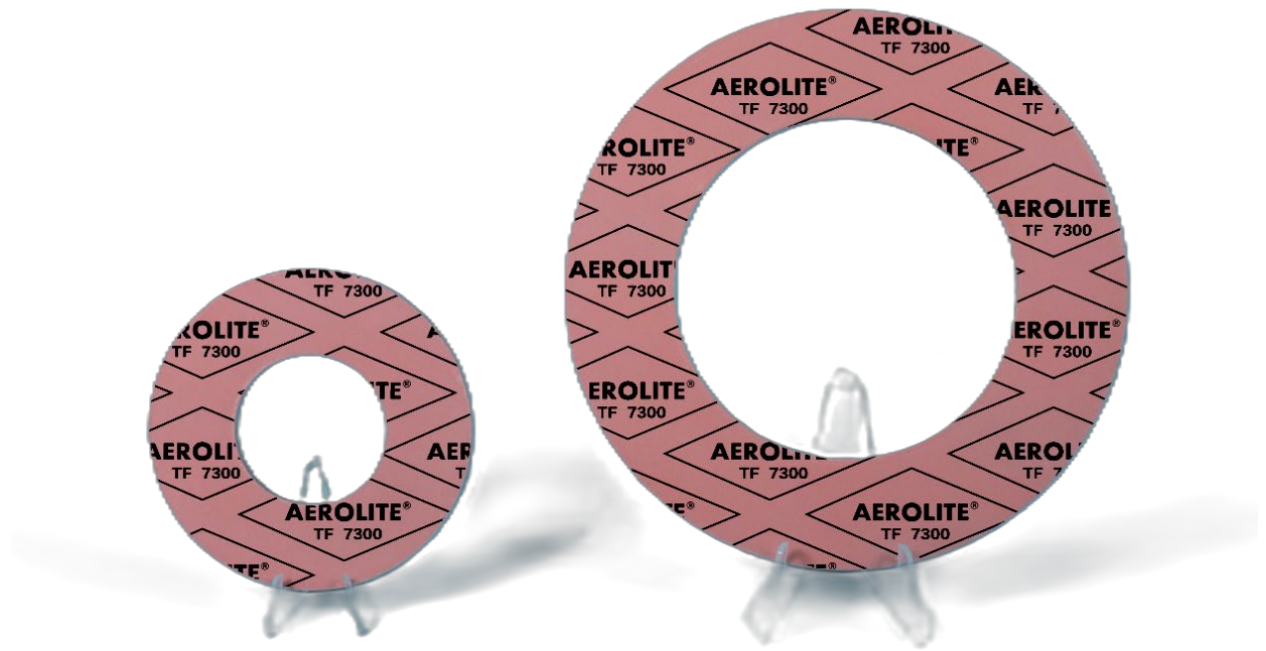


Aerolite[®] TF7300 - PTFE with SILICA



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MS ISO/IEC 17021:2011
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Certificate Number : FM 646287
ISO 9001 : 2015

Basis

Aerolite TF7300 is a premium silica-filled PTFE gasket material engineered for exceptional chemical resistance and long-term durability. It is ideal for handling aggressive media, including strong acids, solvents, hydrocarbons, and other challenging fluids.

Applications

Aerolite TF7300 is suitable for a wider range of applications than traditional PTFE gaskets, offering reliable performance in demanding industrial environments.

Key Feature & Benefits

- **Superior Chemical Resistance** – Withstands a broad range of harsh chemicals for extended service life.
- **Innovative Surface Design** – Combines the proven performance of PTFE with an advanced hexagonal profile for enhanced sealing.
- **Optimized Thickness Performance** – Delivers the tight sealing and load retention of a **1/16"** (1.6mm) gasket with the conformability of a **1/8" (3.2mm)** gasket.
- **Improved Compressibility & Recovery** – The hexagonal pattern reduces initial contact area, concentrating flange pressure for better sealing, even on worn or pitted flanges.

Technical Data

	Test Method	Specified Value	Unit
Min. Temperature		-268	°C
Max. Temperature (Long Term)		204	°C
Max. Temperature (Short Term)		260	°C
Max. Pressure		750	PSI
Density	ASTM D792	2.10 – 2.30	g/cm ³
Tensile Strength	ASTM F152	6.59	Mpa
Compressive Strength	ASTM F36	14.75	%
Recovery	ASTM F36	21.48	%

All information/applications contained in these publications are to best of our product knowledge. Since condition of uses is beyond our control, users must satisfy themselves that products are suitable for the intended processes and uses. Failure of select the proper sealing products could result in property damage and/or serious personal injury. We reserve the right to change product information without notice.