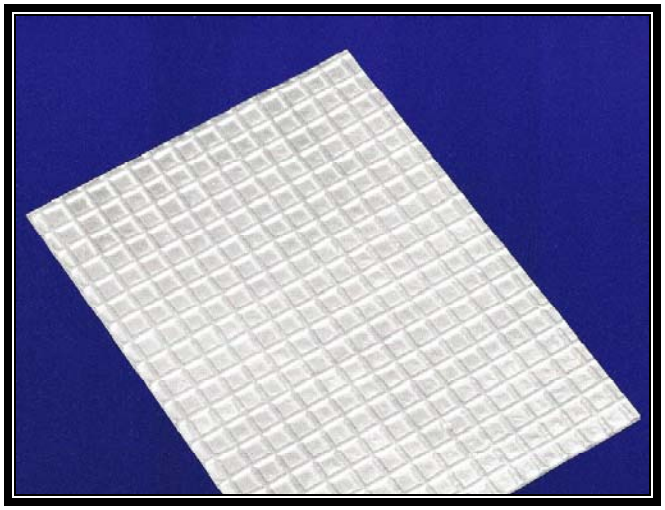
QuadraLon

A Universal PTFE Sheet for Reduced Bolt Creep



QuadraLon
Flexible PTFE Gasket Material

- *Improves performance over traditional PTFE*
- *Multi-density & multi-thickness material*
- *Increased resistance to bolt creep*
- *High tensile strength & better handling*
- *Oxygen Service*
- *Patents pending*

QuadraLon is a homogeneous PTFE sheet, which uses product geometry rather than fillers or binders to address concerns associated with traditional PTFE material. JM Clipper's "dog bone" cross section (patent applied for) allows the sealing material to be restructured into thick, low-density walls surrounded by thin, high-density quadrants.

ADAVANTAGES

The proprietary " dog bone" cross section allows QuadraLon to be a multiple density, multiple thickness material which results in a gasket that is both thick and thin. The thick, low-density PTFE walls accommodate flanges distortion. Consistent with traditional gaskets theory, the thin, high-density quadrants provide the thinnest material possible for improved load transfer and torque retention. The higher density quadrants also act as a dam or barrier to the thicker walls which helps prevent material creep or the tendency for the gasket to become thinner without additional applied pressure. The unique pattern also has a higher tensile strength for better handling.

APPLICATIONS

QuadraLon is designed for oxidizing application, harsh chemical environments, and areas where contamination is a problem. Because QuadraLon addresses bolt creep with material geometry rather than binders and fillers used by other "low creep" PTFE products. It is completely chemically inert but still has better creep resistance. With QuadraLon, one PTFE sheet will meet all your needs

OPERATING LIMITS

Composition	Homogeneous PTFE sheet with proprietary multiple-density patterns
Max Operating	600F (315C)
PH Range	0-14
"M" Factor	2.0
"Y" Factor	850

Availability

- 1/16" (60 x 60 sheet)
- 1/8" (60 x 60 sheet)

*** Contact JM Clipper Customer Service for other available sizes & thickness