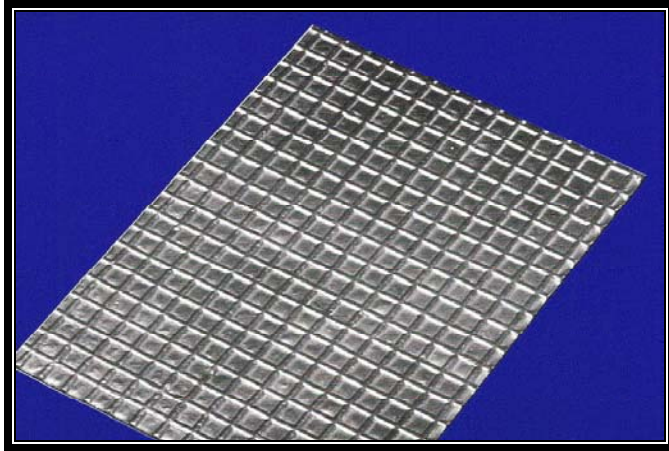




QuadraGraph

The World's First Innovation in Flexible Graphite Sheet



QuadraGraph Flexible Graphite Gasket Material

- Unique geometry
- Multi-density & multi- thickness material
- Wide range of pressures, temperatures, & chemicals
- Foil-inserted for extra strength
- Patents Pending

QuadraGraph is designed to maintain the important performance characteristics of flexible graphite while overcoming its many past concerns. By changing the geometry of the graphite, JM Clipper now gives the material many previously unattainable attributes. The “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 QuadraGraph to be a multiple density, multiple thickness material which results in a gasket that is both thick and thin. The thick, low-density graphite 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 cross section also has a higher tensile strength allowing fabrication and installation without the handling problems associated with traditional flexible graphite.

APPLICATIONS

QuadraGraph is designed for high temperature and corrosive environments. It is effective in the widest range and combination of pressures, temperatures, and chemicals. This innovative sheet gives you the availability of an off-the-shelf gasket material designed for the most demanding services.

OPERATING LIMITS

| | |
|--------------------------|---|
| Composition | Expanded graphite with proprietary multiple-density pattern |
| Max Operating | 1200F (650C) Steam 850F (450C) Air |
| PH Range | 0-14 |
| P X T | 2,000,000 |
| “M” Factor (1/16”, 1/8”) | 2.0 |
| “Y” Factor (1/16”, 1/8”) | 2500 |

*** Check with JM Clipper Technical Support for oxidizing applications

AVAILABILITY

QuadraGraph is available in homogenous material and foil inserted for those applications requiring that extra strength stability.

| | Homogeneous | Foil Inserted |
|------------------|-------------|---------------|
| 1/16 (40" x 40") | ✱ | ✱ |
| 1/8 (40" x 40") | ✱ | ✱ |

*** Contact JM Clipper Customer Service for other available sizes 1-800-233-3900

