Darco Southern continues to be a premier manufacturer of industrial gasket products since 1976. Darco Southern provides high temperature thermal and protective sealing solutions globally. Our gasket products are used a variety of applications including commercial and industrial boilers and furnaces, chemical processing, petroleum refining, power generation, metal processing and more.

There are a number of variables that need to be considered to ensure proper gasket selection. Our vast array of available materials combined with our vertically integrated, in-house product design, engineering and manufacturing capabilities allow us to design, prototype and produce the optimal solution, in a minimal timeframe. Although Darco offers “standard” gasket product configurations, we welcome the opportunity to develop a custom gasket around your design requirements.

In collaborate with your team, we review construction and dimensional requirements to create a tailored gasket to solve your specific design challenge.  Ask us about the Darco Southern 4D Process!

**INDUSTRIAL GASKETS**

**MATERIALS**
- **Tetraglas®** - Type E Fiberglass
- **Tetraglas®** - Type E Fiberglass with PTFE coating
- **Tetraglas®** - Type E Fiberglass with Vermiculite coating
- **Tetraglas®** - Type E Fiberglass with Reflective Foils
- **Tetraglas®** - Type E Fiberglass with Silicone Coating and Impregnation
- **Tetraglas-T®** - Type E Fiberglass with Rubber Coating
- **Tetraglas 3000®** - Amorphous Silica
- **Tetraglas 3000®** - Amorphous Silica with Silicone Coating
- Ceramic Fiber – Woven, Paper
- **DARPAC®** - Compressed Non-Asbestos
- **Tetrablue®** - Felted Non-Asbestos
- Type 304 Stainless Steel core for tadpole gaskets
- Inconel Mesh core for tadpole gaskets
- PTFE – Envelope Gaskets, Sheets, Coating
- Expanded PTFE – Gaskets, Sheets
- Graphite – Gaskets, Sheets, Coating
- Rubber – Gaskets, Sheets
- Needled Blankets
- Spirotallic Spiral Wound Gaskets

**MAXIMUM CONTINUOUS TEMPERATURE**
- **Tetraglas®** - 1000°F (540°C)
- **Tetraglas® with PTFE** - 500°F (260°C)
- **Tetraglas® with Vermiculite** - 1500°F (815°C)
- **Tetraglas® - Type E Fiberglass with reflective foils** - 500°F (260°C)
- **Tetraglas® - Type E Fiberglass with silicone coating and impregnation** - 500°F (260°C)
- **Tetraglas-T® - Type E Fiberglass with rubber coating** - 500°F (260°C)
- **Tetraglas® with Graphite** - 1000°F (540°C)
- **Tetraglas3000®** - 1800°F (980°C)
- **Tetraglas3000® with silicone coating** - 500°F (260°C)
- Ceramic – 2300°F (1260°C)
- **DARPAC® - 450°F (232°C) & 700°F (370°C)**
- Graphite – Oxidizing environment (such as air): -400°F (-240°C) to 950°F (510°C).
- Mild Oxidizing environment of most gasket applications: -400°F (-240°C) to 1500°F (850°C).
- Non-Oxidizing environment: Up to the limit of the stainless steel 1800°F (980°C).
- Graphite limit is 5400°F (2980°C).
- PTFE - 500°F (260°C)
- Rubber - up to 500°F (260°C)

**AVAILABLE CONSTRUCTION OPTIONS**
- Custom Combinations
- Flange Type – Ring, Full Face, Elliptical, Oround
- Folded and Stitched
- Solid Cut
- Handhole & Manhole
- Luting and Groove Packing
- PTFE Envelope with Fillers
- Tadpole
- Spiral Wound

**SIZE RANGE**
- Industry Standard
- Custom

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