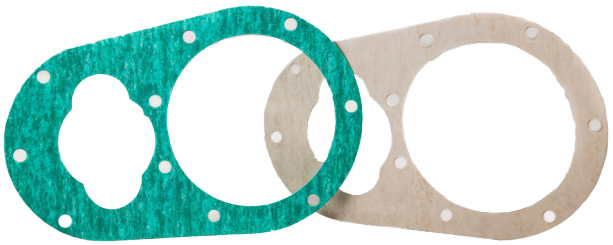
Industrial Gaskets



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, Obround
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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