

DARCO SOUTHERN, INC.

Industrial Gasketing, High Temperature Textiles, Compression Packing

Tetraglas® PTFE Impregnated Fiberglass Tape Data Sheet

General Description

Manufactured of texturized fiberglass yarns, Tetraglas® Tape is Darco Southern's premium grade tape. Tetraglas® Tape will withstand 1000F (550C) continuous service temperature. Compared to Darco Southern's Industrial grade fiberglass tape, Tetraglas® Tape contains a minimum of 45% more fiberglass, providing a more rugged and durable fiberglass tape. Available in both Plain and Drop warp (Bolt Hole) PTFE Impregnation: Tetraglas® Tape is immersed in PTFE and air dried. Due to the "Super Impregnation" PTFE roll weights will increase by 100% as compared to Tetraglas® Tape. As with all PTFE, maximum operating temperature is 500F (260C)

Approvals/ Certifications

Meets or exceeds NFPA 701, UL-214, UL-723, and U.S. Coast Guard Specification 164.009, US Military spec MIL-C-20079 & MIL- I-24244, NRC 1.36, European BS EN407 Standards, UBC 43-1, NFPA 252, and California State Fire Marshal.

Applications

Typical applications include steam tracer line wrapping, hot pipe protection, exhaust manifold insulation, and strip curtains for oven doors, tadpole tapes and gaskets. Industries include construction, power plants, primary metals, and chemical processing, marine and petroleum refineries.

| Physical Properties | Plain | | | Drop Warp | | |
|---|--------------------------|--------------------------|-------------------------|--------------------------|--------------------------|-------------------------|
| | 1/16" (1.5mm) | 1/8" (3mm) | 1/4" (6mm) | 1/16" (1.5mm) | 1/8" (3mm) | 1/4" (6mm) |
| Thickness inch (mm) | | | | | | |
| Construction (Warp x fill) X 2 | 10 x 6 | 8 x 6 | 50 x 14 | 8 x 6 | 6 x 6 | 38 x 14 |
| Weave | Plain | Plain | Plain | Plain | Plain | Plain |
| Thickness *- in. (mm) nominal | .063(1.5) | .125(3.0) | .25(6.0) | .060(1.5) | .125(3.0) | .225(5.7) |
| Breaking Strength lbs/in (Newtons/5cm) | | | | | | |
| Warp | 400(2101) | 400 (2101) | 400 (2101) | 400(2101) | 400 (2101) | 400 (2101) |
| Fill | 300(2626) | 300 (2626) | 300 (2626) | 300(2626) | 300 (2626) | 300 (2626) |
| Temperature -F(C) PTFE Impregnation | 500 (260) | 500 (260) | 500 (260) | 500 (260) | 500 (260) | 500 (260) |
| Temperature -F(C) (Continuous) Base Material | 1000(550) | 1000(550) | 1000(550) | 1000(550) | 1000(550) | 1000(550) |
| Width available: in (mm) | 1/2" - 6" (12 - 180) | 1/2" - 6" (12 - 180) | 3/4" - 6" (18 - 180) | 1/2" - 6" (12 - 180) | 1/2" - 6" (12 - 180) | 3/4" - 6" (18 - 180) |

Chemical Resistance

Resists most acids, alkalis and solvents, with the exception of hydrofluoric acid and corrosive environments at elevated temperatures.

Available Treatment

PSA, Vermiculite and Boron Nitride coated, Graphited, and Heat Treated

Ordering Information

Length of Roll- 100 ft (meters)

