

DARCO SOUTHERN, INC.

Industrial Gasketing, High Temperature Textiles, Compression Packing

Industrial Grade PTFE Impregnated Fiberglass Tape Data Sheet

General Description

In addition to our lines of Tetraglas® Tapes, Darco Southern, Inc. has produced a lower cost, lighter grade (45% less weight). The industrial grade tape is manufactured with texturized fiberglass yarns and will withstand temperatures of 1000F (550C) 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

Thickness inch (mm)	1/16" (1.5mm)	1/8" (3mm)	1/16" (1.5mm)	1/8" (3mm)
Construction (Warp x fill) X 2	20 x 6	8 x 5	17 x 6	6 x 5
Weave	Plain	Plain	Plain	Plain
Thickness *- in. (mm) nominal	.050(1.27)	.100(2.54)	.050(1.27)	.100(2.54)
Breaking Strength lbs/in (Newtons/5cm)				
Warp	400(2101)	400 (2101)	400(2101)	400 (2101)
Fill	300(2626)	300 (2626)	300(2626)	300 (2626)
Temperature -F(C) PTFE Impregnation	500 (260)	500 (260)	500 (260)	500 (260)
Temperature -F(C) (Continuous) Base Material	1000(550)	1000(550)	1000(550)	1000(550)
Width available: in (mm)	1/2" - 6" (12 - 180)	1/2" - 6" (12 - 180)	1/2" - 6" (12 - 180)	1/2" - 6" (12 - 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)