

# DARCO SOUTHERN, INC.

Industrial Gasketing, High Temperature Textiles, Compression Packing

## Tetraglas® Vermiculited Fiberglass Tape Data Sheet

### General Description

Manufactured of texturized fiberglass yarns and saturated with Vermiculite, Tetraglas® Vermiculited Tape is Darco Southern's premium grade tape. Tetraglas® Vermiculited Tape will withstand 1500F (815 C) continuous service temperature and increase abrasion resistance. Compared to Darco Southern's Industrial grade Vermiculited fiberglass tape, Tetraglas® Vermiculited Tape contains a minimum of 45% more fiberglass, providing a more rugged and durable fiberglass tape. Available in both Plain and Drop warp (Bolt Holt). The saturation of vermiculite, adds on average, an increase of 6% to the weight of the Tetraglas® Tape.

### Approvals/ Certifications

Meets or exceeds NFPA 701 ,UL-214 , UL-723,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, strip curtains for oven doors, tadpole tapes and gaskets. Industries include construction, power plants, primary metals, chemical processing, marine and petroleum refineries.

Physical Properties	Plain			Drop Warp			
	Thickness inch (mm)	1/16" (1.5mm)	1/8" (3mm)	1/4" (6mm)	1/16" (1.5mm)	1/8" (3mm)	1/4" (6mm)
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) (Continuous)		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, alkalies and solvents, with the exception of hydrofluoric acid and corrosive environments at elevated temperatures.

### Available Treatment

PSA, Boron Nitride coated , PTFE impregnated, Graphited, and Heat Treated

### Ordering Information

Length of Roll- 100 ft (30 meters)

