DARCO SOUTHERN, INC.

Industrial Gasketing, High Temperature Textiles, Compression Packing

Tetraglas® Vermiculite Coated Cloth Data Sheet

General Description

Premium fabric is made from highly texturized fiberglass coated both sides with a vermiculite dispersant. The use of Vermiculite on Tetraglas Base cloth elevates the continuous use temperature to 1500F (815C) as well as improving the abrasion resistance.

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, California State Fire Marshal and Mine Safety BC-109 *except for style110.*

Applications

Typical applications include high temperature expansion joints, curtains, blankets, and drop cloths for light to medium industrial applications. Industries include construction, grain handling, power plants, primary metals, chemical processing, and petroleum refineries.

Physical Properties

Style	**2025**	**45**	**60**	**65**	**90**	**110**
Weight- oz./yd2 (g/m2)	18 (610)	27 (915)	34(1152)	40(1356)	45(1525)	68((2305)
Construction (Warp x fill)	20 x 14	20 X8	20 x7	20 x 7	20 x 8	10 x7
Weave	Plain	Plain	Plain	Plain	Plain	Plain
Thickness *****- in. (mm)	.032(.81)	.060(1.52)	.065(1.65)	.080(1.95)	.085(2.16)	.125(3.18)
Breaking Strength lbs/in (Newtons/5cm) Warp	200(1751)	240 (2101)	240 (2101)	240(2101)	240(2101)	460(4027)
Fill	150(1313)	300 (2626)	300 (2626)	450(3940)	475(4159)	420(3677)
Temperature –F(C) (Continuous)	1500(815)	1500(815)	1500(815)	1500(815)	1500(815)	1500(815)
K Factor –BTU/inch/ft2/F	.3385	.3385	.3385	.3385	.3385	.3385
Abrasion Resistance- Taber Test		+700		700		+1000

Chemical Resistance

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

Other Available Treatment

Boron Nitride Coated, PTFE Impregnated, and Heat Treated

Ordering Information

Available in 40inch (1m) and 60 inch (1.5m) widths, Length of Roll- 50 yds (45meters)

***** Thickness can vary +/- 10% in accordance with the Industrial Fabric Association norms.

Post Office Box 454 · 253 Darco Drive · Independence, VA 24348 · Phone (276) 773-2711 ·
Fax (276) 773-0208 · Toll Free Fax 800-327-2610 www.darcosouthern.com 2007