



THE FINAL BARRIER AGAINST ABRASION, CHEMICALS AND HEAT

ARMATEX® SF17 PREMIUM SILICONE COATED FIBERGLASS

ARMATEX® SF17 PREMIUM SILICONE COATED FIBERGLASS is comprised of a strong, flexible woven fiberglass fabric impregnated both sides with premium silicone rubber to a finished weight of 17 ounces per square yard. A high quality product, ARMATEX® SF17 PREMIUM SILICONE COATED FIBERGLASS is manufactured to exceed industry standards for the fabrication of thermal insulation blankets and composite components associated with industrial insulation systems.



AVERAGE PHYSICAL PROPERTIES

Coating	Proprietary Silicone Rubber
Color	Gray, other colors available upon request
Thickness, inches, nominal	0.017
Weight, oz/sy	17 (+/- 0.5 oz/sy) per FTMS 191-A-5041
Temperature Rating	
Coating	-110°F to 500°F • 79°C to 260°C, transient exposure to 600°F to 315°C
Base Fabric	
Operating Temperature, maximum	1000°F to 540°C, transient exposure to 1200°F • 648°C
Softening Point	1350°F to 1600°F • 732°C to 871°C
Melting Point	2050°F to 2160°F • 1121°C to 1182°C
Base Fabric	
Weave Type	4 Harness Crowfoot Satin
Count, ends per inch	48 x 32 (warp x fill)
Base Fabric can be certified to:	MIL-Y-1140 • MIL-I-24244 • ASTM D4029 • ASTM D4357 • ASTM D579
Tear Strength, lbs. (warp x fill)	56 x 53, per FTMS 191A-5136 (Trapezoid)
Breaking Strength, lbs. (warp x fill)	233 x 137, per FTMS 191A-5100
Bursting Strength, PSI (average)	295, per FTMS 191A-5122 • ASTM D3786
Water Resistance - Rain Test	ARMATEX® SF 17 Premium meets the AATCC 35 requirements
AATCC Method 35-1977	Test Report available upon request



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Average Physical Properties, continued

Water Repellency - Spray Test AATCC Method 22-1977	ARMATEX® SF 17 Premium meets the AATCC 22 requirements Test report available upon request					
Hydrostatic Resistance, PSI (average)	291, per FTMS 191A-5122					
Smoke Density, Ds @ minutes (average) ASTM E662-01	Minutes	1	5	10	15	20
Non-flaming Mode		1	4	11	17	24
Flaming Mode		2	14	31	46	58
ASTM E84 - Surface Burning Characteristics						
Flame Spread Index	0					
Smoke Development	25					
Class I or A Rating						
Surface Flammability/Radiant Heat ASTM E162	ARMATEX® SF 17 Premium meets the ASTM requirements Test report available upon request					
Toxic Gas Generation Bombardier SMP-800-C	ARMATEX® SF 17 Premium has been tested/meets Bombardier specs Test report available upon request					
Resistance Oil/Aromatic Hydrocarbon Fluids MIL-PRF-20696F	ARMATEX® SF 17 Premium has been tested/meets Mil-Spec 20696F Test report available upon request					
Flame Penetration FAR 25.855 Appendix F Part III	ARMATEX® SF 17 Premium has been tested/meets FAR 25.855 Test report available upon request					
Standard Packaging	50 LY per roll, special packaging available upon request					

Fifty yard rolls generally do not have splices. However, if a roll should have splices, there will be no more than two splices per roll with no pieces less than 10 LY in length.

Tolerance is +/- 10% unless otherwise stated

The technical data presented herein are indicative of representative properties and are intended as a specification guide only. No warranties are expressed or implied as application conditions are beyond our control.



ARMATEX® SF 17 PREMIUM is ANSI/FM 4950 certified for Welding Curtains.