



THE FINAL BARRIER AGAINST ABRASION, CHEMICALS AND HEAT

ARMATEX® SF17 INDUSTRIAL SILICONE COATED FIBERGLASS

ARMATEX® SF17 INDUSTRIAL SILICONE COATED FIBERGLASS is comprised of a strong, flexible woven fiberglass fabric impregnated both sides with silicone rubber to a finished weight of 16 ounces per square yard. A high quality product, ARMATEX® SF17 INDUSTRIAL SILICONE COATED FIBERGLASS is manufactured to industry standards for the fabrication of insulation blankets and pads, splash curtains, and other high-temperature resistant applications.



AVERAGE PHYSICAL PROPERTIES

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|---------------------------------------|---|
| Coating | Proprietary Silicone Rubber |
| Color | Gray, other colors available upon request |
| Thickness, inches, nominal | 0.016 |
| Weight, oz/sy | 16 (+/- 0.5 oz/sy) per FTMS 191-A-5041 |
| Temperature Rating | |
| Coating | -110°F to 450°F • 79°C to 232°C, transient exposure to 600°F to 315°C |
| Base Fabric | |
| Operating Temperature, maximum | 1000°F • 538°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 INDUSTRIAL meets the AATCC 35 requirements |
| AATCC Method 35-1977 | Test Report available upon request |



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ARMATEX® SF17 INDUSTRIAL Average Physical Properties, continued

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| Water Repellency - Spray Test AATCC Method 22-1977 | ARMATEX® SF 17 INDUSTRIAL 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 INDUSTRIAL meets the ASTM requirements Test report available upon request | | | | | |
| Toxic Gas Generation Bombardier SMP-800-C | ARMATEX® SF 17 INDUSTRIAL has been tested/meets Bombardier specs Test report available upon request | | | | | |
| Resistance Oil/Aromatic Hydrocarbon Fluids MIL-PRF-20696F | ARMATEX® SF 17 INDUSTRIAL has been tested/meets Mil-Spec 20696F Test report available upon request | | | | | |
| Flame Penetration FAR 25.855 Appendix F Part III | ARMATEX® SF 17 INDUSTRIAL 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.