



# ENVIRONMENTAL PROTECTION PRODUCTS AND THERMAL BARRIERS For A Green World

## ARMATEX® SF17 ULTRA PREMIUM SILICONE COATED FIBERGLASS

ARMATEX® SF17 ULTRA PREMIUM SILICONE COATED FIBERGLASS is comprised of a strong, flexible woven fiberglass fabric impregnated both sides with a very high grade silicone rubber to a finished weight of 17 ounces per square yard. ARMATEX® SF17 ULTRA PREMIUM SILICONE COATED FIBERGLASS is manufactured to have very high abrasion resistance and durability, exceeding industry standards for the fabrication of thermal insulation blankets and composite components associated with industrial insulation systems.



### AVERAGE PHYSICAL PROPERTIES

Coating	High Grade Silicone Rubber
Color	Aluminum, Mocha Tan, Hess Green, Shale Green
Weave	4 Harness Crowfoot Satin
Count, ends per inch • 5cm	48 x 32 • 95 x 63 (warp x fill)
Weight, oz/sy • g/sm	17 • 576
Thickness, inches • mm, nominal	0.017 • 0.432
Temperature Rating	
Coating	-110°F to 500°F • -79°C to 260°C, transient exposure to 600°F • 315°C
Base Fabric	1000°F • 538°C
Operating Temperature, maximum	1000°F to 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	
Base Fabric can be certified to:	MIL-Y-1140 • MIL-I-24244 • ASTM D4029 • ASTM D4357 • ASTM D579
Tear Strength, lbs/inch • N/5cm (warp x fill)	65 x 55 • 570 x 482, per FTMS 191A-5136 (Trapezoid)
Breaking Strength, lbs/inch • N/5cm (warp x fill)	250 x 150 • 2190 x 1313, per FTMS 191A-5100
Bursting Strength, PSI • MPA (average)	300 • 2.035, per FTMS 191A-5122 • ASTM D3786

Tolerance is +/- 10% unless otherwise noted.



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## ARMATEX® SF17 ULTRA PREMIUM

Average Physical Properties, continued

ARMATEX SF 17 ULTRA PREMIUM can  
be certified to:

AATCC 22 • FTMS 191A-5122 • ASTM E662-01 • ASTM E84  
ASTM E162 • MIL-PRF-20696F • AATCC Method 35-1977 •  
FAR 25.855

Standard Packaging is 50 LY per roll, and generally will 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. Special lengths are available upon request.

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.

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