



ENVIRONMENTAL PROTECTION PRODUCTS AND THERMAL BARRIERS For A Green World

HYTEX® 1000 - 2025 ALUMINIZED FABRIC

HYTEX® 1000 - 2025 ALUMINIZED FABRIC is a heavy weight, plain weave fiberglass fabric that is heat-treated and laminated one side with aluminum foil. Widely used for the fabrication of insulation blankets and pads, this fabric is excellent for use in a variety of thermal insulation products such as pipe wrapping, turbine blankets, engine exhaust covers, and removable/reusable insulation blankets and pads.



AVERAGE PHYSICAL PROPERTIES

Base Fabric, weave	E-Glass Plain Weave
Base Fabric, width, inches	59
Finish	Aluminum Foil
Temperature Limit	
Base Fabric	1000°F • 538°C
Foil Service Temperature	1112°F • 600°C
Adhesive Service Temperature	446°F • 230°C
Weight, oz/sy, nominal (ASTM D3776-96)	18.5 - 22.6
Thickness, inches, nominal (ASTM D1777)	0.026
Tensile Strength, lb/in, minimum (ASTM D5035)	200 x 100 (warp x fill)
Tear Strength, lbs/in, minimum (ASTM D 5587-96)	35 x 35 (warp x fill)
Mullen Burst, psi, minimum (ASTM D 3786)	500
Flame Resistance (FED 191/5903.2)	
Char Length	1/16" max
Afterglow	6 second max
Flame out	2 second max
Foil Thickness, mils	0.001"
Packaging, LY/roll	50

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.

Rev.3.7-1.2019