



THE FINAL BARRIER AGAINST ABRASION, CHEMICALS AND HEAT

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 for the fabrication of insulation pads, this fabric is excellent for use in a variety of thermal insulation products such as pipe wrapping, turbine blankets, engine exhaust covers, and insulation blankets.



AVERAGE PHYSICAL PROPERTIES

Base Fabric, weave	E-Glass Plain Weave
Base Fabric, width, inches	60
Finish	Aluminum Foil
Temperature Limit	
Base Fabric	1000°F • 538°C
Foil Service Temperature	500°F • 260°C
Weight, oz/sy, nominal	21
Thickness, inches, nominal (ASTM D-1777)	0.027
Tensile Strength, lb/in, minimum (FED 191/5102)	200 X 100 (warp x fill)
Tear Strength, lbs, minimum (FED 191/5136)	35 X 35
Burst Strength, psi (ASTM D-774)	500
Flame Resistance (FED 191/5903.2)	
Char Length, inches, maximum	1
Afterglow	<1 second
Flame out	<1 second
Packaging, LY/roll	50 LY

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.