



ALUMINIZED KEVLAR

Technical Data Sheet

Aluminized Kevlar is woven medium weight fabric of an Aramid fiber blend over a fiberglass core yarn. Resistant to reflected heat, offers excellent thermal, splatter, and molten metal splash protection.

PROPERTY	ALUMINIZED KEVLAR
Base Material	Aramid/Fiberglass
Color/ Appearance	Aluminized 1 side, Yellow reverse
Weave Style	Plain
Fabric Weight	24 oz/yd ² (815 gm/m ²)
Fabric Thickness	0.065" (1.65mm)
Average Tensile Strength	Warp: 240 lb/in Filling: 170 lb/in
Thermal Conductivity "K" factor, base fabric	0.369 btux in/hr (ASTM D2214-70)
Total Conductance "C" factor, base fabric	6.13 btux in/hr (ASTM D2214-70)
Total Resistance "R" factor, base fabric	0.163 hr x ft ² x deg F/Btu (ASTM D2214-70)

Disclaimer: The data provided is intended as a guide only and should not be interpreted as a warranty. It is not intended to be used to determine the suitability of the product for any specific customer application. SifTex strongly suggests that each customer thoroughly test the prospective product in their own manufacturing facility to determine the actual suitability of the product in their specific application.