



ASBESTOS-FREE PROTECTION WITH EXTRA PERFORMANCE

S086

PRODUCT SPECIFICATION
STYLE 600
ALUMINIZED

GENERAL DESCRIPTION: ZETEX 600 Aluminized fabric is made from highly texturized silica yarn. A vacuum metalized dual mirror finish polyester film is bonded to one side of the fabric.

APPROVALS/CERTIFICATIONS: Meets or exceeds NFPA 701 Specification for materials that withstand high temperature without supporting combustion. Fabric listed by Underwriters Laboratory Specification UL-214 for flame propagation. The UL-723 test shows 0 flame spread, 0 fuel contribution, and 0 smoke development.

APPLICATIONS: Typical applications include curtains, blankets, gloves, mittens, pants, jackets, sleeving, leggings, fire entry, proximity and approach suits.

Recommended for applications requiring heat reflectivity and molten metal splash resistance.

Typical industries include safety garment industry, steel, aluminum, copper and other basic metals groups, construction industry, chemical processing plants, petroleum refineries, automotive industry and maritime.

PHYSICAL PROPERTIES:

Weight:	19 Oz./Square Yard for basic fabric 22 Oz./Square Yard with aluminized film
Construction: Warp x Fill	20 x 14
Weave:	Plain
Thickness:	.035"
*Breaking Strength: (minimum)	Warp - 200 lbs. Fill - 100 lbs.
Abrasion Resistance, Taber:	Cycles to failure using CS 10 wheel with 1000 grams weight resistance at 50% vacuum level – 2000 aluminized film side and 536 fabric side
Flex Test:	1000 Cycles when tested per MIL-C-87076
Temperature:	Service temperature to 500°F (260°C) for the aluminized film. Can reflect 90% of radiant heat up to 3000°F.
*K Factor (Heat Conductivity):	0.3399 BTU/inch/hr/sq ft/°F

***CHEMICAL RESISTANCE:** Resists most acids, alkalies and solvents, with the exception of hydrofluoric acid and corrosive environments at elevated temperatures.

ORDERING INFORMATION:

Length of Roll: 50 Yards

- For base fabric

Revision # 1
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Approved by Suresh Deshpande