

G40PAE- -31AL3

**ALUMINIZED INDUSTRIAL
40 oz. FIBERGLASS FABRIC**

style G40PAE- -31AL3

An AMATEX woven roving thermoglass fabric, heavy weight in a plain weave with an aluminum laminate. Applications include curtains, blankets, lagging cloth, vapor and flange spray shields requiring reflectivity. Used for high temperature insulation, protection from hot liquids, petroleum products, and light metal splash. Resistant to most chemicals, offers thermal protection up to 1100 degrees F for the base fabric.

SPECIFICATIONS

BASE FABRIC	Fiberglass	
COLOR / APPEARANCE	Aluminum foil, white reverse side	
AVAILABLE WIDTHS, standard	40"	(1.0m)
ROLL LENGTH, yards	50	(45.7m)
WEAVE STYLE	Plain	
CONSTRUCTION, ends x picks/sq.in.	10 X 8	(3.9 x 3.1/cm)
FABRIC WEIGHT, oz./sq yd, average	44	(1495 gm/sq. m)
FABRIC THICKNESS, inches	0.070	(1.78mm)
WARP STRENGTH, lbs/in.	300.0	(136 Kg/2.54cm)
FILL STRENGTH, lbs/in.	300.0	(136 Kg/2.54cm)
ABRASION RESISTANCE	Good	
TEMPERATURE TOLERANCE	To 1100 deg. F, base fabric (593 deg. C) 500 deg. F, aluminized side (260 deg. C)	
BASE FABRIC CERTIFICATIONS	n/a	
COATING CERTIFICATIONS	1 Mil Aluminum Foil	
CHEMICAL RESISTANCE	Excellent except Hydrofluoric and hot Phosphoric acid and wet Hydrogen Chloride.	
SOLVENT RESISTANCE	Excellent	
SUNLIGHT & AGE RESISTANCE	Excellent	
ELECTRICAL PROPERTIES	n/a	

AVAILABLE FINISHES

FINISH NUMBER AL, Aluminum laminated
See FABRIC FINISH OPTIONS data sheet.

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AMATEX Corporation

"HEAT RESISTANT TEXTILES"

BOX 228, 1032 STANBRIDGE STREET, NORRISTOWN, PA 19404 USA

PHONE 1-610-277-6100 • TOLL FREE 1-800-441-9680 • FAX 1-610-277-6106

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