

G40P44

40 oz. PREMIUM QUALITY FIBERGLASS FABRIC

style G40P44

An AMATEX woven thermoglass fabric of a heavy weight in a plain weave. Applications include welding curtains, pad fabrics, blankets, gloves, mittens, and insulation fabrics. Resistant to most chemicals, offers good thermal protection to temperatures up to 1000 degrees F.

SPECIFICATIONS

BASE FABRIC	Fiberglass	
COLOR / APPEARANCE	White	
AVAILABLE WIDTHS, standard	40", 60"	(1.0m, 1.5m)
ROLL LENGTH, yards	50	(45.7m)
WEAVE STYLE	Plain	
CONSTRUCTION, ends x picks/sq.in.	18 x 9 (2's)	(7.0 x 4.3/cm)
FABRIC WEIGHT, oz./sq yd, average	40	(1359 gm/sq. m)
FABRIC THICKNESS, inches	0.065	(1.65mm)
WARP STRENGTH, lbs/in.	300.0	(136 Kg/2.54 cm)
FILL STRENGTH, lbs/in.	300.0	(136 Kg/2.54 cm)
ABRASION RESISTANCE	Good	
TEMPERATURE TOLERANCE	To 1000 deg. F (540 deg. C) Higher for very brief periods.	
BASE FABRIC CERTIFICATIONS	n/a	
COATING CERTIFICATIONS	n/a	
CHEMICAL RESISTANCE	Excellent except Hydrofluoric and hot Phosphoric acid and wet Hydrogen Chloride.	
SOLVENT RESISTANCE	Excellent	
SUNLIGHT & AGE RESISTANCE	Excellent	
ELECTRICAL PROPERTIES	High dielectric strength, low constants	

AVAILABLE FINISHES

FINISH NUMBER	31 Heat Treat, 32 Weave Set, 33 Water Repellant, 35 Flame Retardant, 37 Color Dyed, and other combinations. See FABRIC FINISH OPTIONS data sheet.
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AMATEX Corporation

"HEAT RESISTANT TEXTILES"

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