

**GENERAL
PRODUCT
LINE**

PREMIUM
FIBERGLASS
FABRICS

INDUSTRIAL
FIBERGLASS
FABRICS

FABRIC
WIDTHS
40" to 72"

CUSTOM
WIDTHS
AVAILABLE

SPECIAL
COATED
FABRICS

ALUMINIZED
CLOTHS

TACKY
CLOTHS

REWET
CLOTHS

WIRE
INSERT
FABRICS

SYNTHETIC
FABRICS

SILICA &
QUARTZ
FABRICS

SEWING
THREAD

BRAIDING
YARNS

TAPES
1/2" to 8"
WIDTHS

SPECIAL
TAPE
PRODUCTS

ROPES
SLEEVING
GASKETING
WICKING
CORD

PATENTED
SAFETY
FABRICS

SILICONE
COATED
CLOTH

NEOPRENE
COATED
CLOTH

VERTEX
COATED
FABRICS

JG/K

PADMASTER® 42

**42 oz. FIBERGLASS
INSULATION PAD FABRIC**

An AMATEX woven thermoglass heavy weight plain fabric with special vertex treatment to a tan color. Applications include hot side insulation fabric, flange and valve covers, weld curtains, stress relief blankets. Resistant to most chemicals, offers good heat and flame protection to 1200° F (650° C).

SPECIFICATIONS

BASE FABRIC	Fiberglass	
COLOR / APPEARANCE	Tan	
AVAILABLE WIDTHS-standard	40", 60"	(1.0, 1.5m)
ROLL LENGTH, yards	25 or 50	(22.9m or 45.7m)
WEAVE STYLE	Plain	
CONSTRUCTION, ends x picks/sq.in.	18 x 11	(7.1 x 4.3/cm)
FABRIC WEIGHT, oz./sq yd, average, treated	42	(1427 gm/sq.m)
FABRIC THICKNESS, inches	0.068	(1.73 mm)
WARP STRENGTH, lbs/in.	220.0	(100 Kg/2.54cm)
FILL STRENGTH, lbs/in.	400.0	(182 Kg/2.54cm)
ABRASION RESISTANCE	2360 (ASTM-D-1175 Modified)	
THERMAL CONDUCTIVITY, "K" factor (Btu x in/hr x sqft x deg. F)	0.450	(ASTM D2214-70)
TOTAL RESISTANCE, "R" factor (Hr x sqft x deg. F/Btu)	0.155	(ASTM D2214-70)
COATING SPECIFICATIONS	Proprietary	
CHEMICAL RESISTANCE	Excellent except Hydrofluoric and hot Phosphoric acid and wet Hydrogen Chloride	
CHEMICAL ANALYSIS - typical		
Chloride (ppm) per ASTM D512	Less than 25	
Fluoride (ppm) per ASTM D1179	4	
Sodium (ppm) per ASTM C871	15	
Silicate (ppm) per ASTM E146	500	
SOLVENT RESISTANCE	Excellent	
SUNLIGHT & AGE RESISTANCE	Excellent	

All data ±10%

JE/K

AMATEX corporation

"HEAT RESISTANT TEXTILES"

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

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