ALPHA - ALAFLEX (SCRIM BASE)
STYLE 59-M WHITE

DESCRIPTION

Alpha Style 59-M White is a lamination of 100% fiberglass scrim and polyester film. It is laminated using a white , high temperature-resistant, fire-retardant adhesive.

ADVANTAGES

-Resistant to oil and water
-Tough - resists damage and has excellent puncture resistance
-High tear strength
-White color eliminates need for painting
-Surface is paintable

APPLICATIONS

Sound absorption membrane
Facing for Navy hullboard

PROPERTY DATA
STYLE 59-M WHITE

CHARACTERISTIC	METHOD	VALUES*		
		ENGLISH		*METRIC*
WEIGHT	ASTM-D-3776	3.0 oz/sy ± 10%		102 g/m² ± 10%
THICKNESS	ASTM-D-1777	.008" nominal		0.203 mm nominal
TENSILE STRENGTH	ASTM-D-5035	Warp-	50 lbs/inch	8.93 kg/cm
		Fill-	50 lbs/inch	8.93 kg/cm
TEAR STRENGTH	ASTM-D-5587	Warp-	7 lbs	3.18 kg
		Fill-	7 lbs	3.18 kg
BEACH PUNCTURE	ASTM-C-1136	400 units (106 inch-lbs)		12.0 joules
FLAME RESISTANCE	ASTM D-6413	Char Length	5 1/2 inch max.	13.97 cm max.
		Afterglow	1 sec. max.	1 sec. max.
		Flame Out	1 sec. max.	1 sec. max.
PERMEABILITY (MVTR)	ASTM-E-96	Result - 0.5 Perms		
FLAME RESISTANCE	ASTME-84	FLAME SPREAD 5		
		SMOKE DEVELOPED 10		

Complies to U.S. Coast Guard #46 - CFR 164.012 Interior Finish
U.S. Coast Guard Certificate of Approval 164.012/73/0
* Contact Alpha Associates' Technical Department for paint types.

Specializing in marine, aerospace, automotive and commercial fabrics for thermal and industrial applications