

## Unit Load Device (ULD) Skins

Precision cut and sealed skin panels for ULD's manufactured from the MACRO-Lite composite material system

SKIN MATERIAL	WEIGHT (LBS/FT <sup>2</sup> )	THICKNESS (IN)	1" BREAK STRENGTH (LBS)
.040" Aluminum	.560	.040	1,600
Polycarbonate	.450	.080	800
E-Glass Fiberglass	.400 - .600	.060	1,500 - 2,000
MACRO-Lite ML215	.175	.025	1,800
MACRO-Lite ML235	.275	.045	2,500

All materials meet FAR 25.853, Appendix F, Part I (a), Horizontal Burn and provide superior fire resistance

TEST	ASTM D3884 TABER ABRASION	ASTM D3039 TENSILE STRENGTH	ASTM D5420 GARDNER IMPACT	ISO 12236 PUNCTURE
MATERIAL	mg loss per revolution	Ultimate Tensile Strength (Mpa)	Inch-Pounds	Push Through Force (kN)
MACRO-Lite ML215	<.008	>575	130	4.5
MACRO-Lite ML235	<.005	>400	180	7.25

\* Independent Test Data

Available in common colors and in raw sheet up to 85" x 135" or precision cut to part geometry (with holes)

Email [info@macroindustries.com](mailto:info@macroindustries.com) to request additional information.