

Ultra Cross® Visibility & Wind Load Study

Ultra Cross® possesses the highest open-area percentage, providing industry-leading 95% see-through visibility and the lowest wind loads available in the market. **Our results are certified** – Just take a look at the comparative analysis conducted by Delta Engineers, Architects, and Land Surveyors.

#18 Knotted Dyneema



Pro-9 Knotted Dyneema



Ultra Cross® Knotless Dyneema



* 1.749" = Average Across Entire Netting Sample

Joint Area (in ²)	$0.222 \times 0.241 = 0.0535$
Overall Area (in ²)	$(1.7282 - 0.060)^2 = 2.965$
Open Area (in ²)	$[1.782 - (0.060 \times 2)]^2 - 0.535 = 2.708$

Joint Area (in ²)	$0.115 \times 0.243 = 0.0279$
Overall Area (in ²)	$(1.753 - 0.044)^2 = 2.921$
Open Area (in ²)	$[1.753 - (0.044 \times 2)]^2 - 0.02794 = 2.744$

Joint Area (in ²)	$(0.122 \times 0.097) - 0.045^2 = 0.0098$
Overall Area (in ²)	$(1.749 - 0.045)^2 = 2.903$
Open Area (in ²)	$[1.749 - (0.045 \times 2)]^2 - 0.0098 = 2.742$

	Strand Thickness (In)	Joint Area (In ²)	Overall Area (In ²)	Open Area (In ²)	% Open Area
#18 Knotted	.060	0.05350	2.965	2.708	91.3%
Pro-9 Knotted	.044	0.02794	2.921	2.744	93.9%
Ultra Cross® Knotless	.045	0.0098	2.900	2.739	94.5%

(all measured values, photographs do not show all values for calculations)



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