



Sure Grip Marine Grade High Density Polyethylene

Tolerances

Gauges

Width/Length

1/2" | 3/4" | 1" ± 5%

Plus Only at Room Temp.

Properties	Units	ASTM	Nominal Values
Density	g/cc	D1505	.96
Tensile Strength @ Yield	psi	D638	>4100
Tensile Modulus	psi	D638	225,000
Elongation @ Break	%	D638	>600
Elongation @ Yield	%	D638	9.8
Flexual Modulus	psi	D790	185,000
Flexual Stress@5% Strain	psi	D790	3,810
Compressive Properties 10% Stain	psi	D695	4,950
Durometer	Shore D	D2240	66
Tensile Impact	ft lbs/in <sup>2</sup>	D1822	115
Izod Impact Resistance	ft lbs/in <sup>2</sup>	D256	1.1
Brittleness Temp.	°F	D746	<-105°
Vicat Softening	°F	D1525	253°
Heat Deflection Temp. 66p.s.i.	°F	D648	167°
Screw and Nail Withdrawl	lbs	D1761	657 & 63
Flamability	Rating	UL94	HB
Slip Resistance (wet)	-	D2047	.62

\*All values are determined on specimens prepared according to ASTM Standards. Nominal values should not be interpreted as specifications.

King StarBoard® AS is made entirely from FDA and USDA approved materials.

King StarBoard® AS meets ASTM D4976 PE235

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