

DURA-GUARD

Marine Gabion Cut Sheet

Mesh Panel Specification:

Extruded Polypropylene Geogrid

Product Properties	Units	MD Values	XMD Values
Aperture Dimensions	mm (in)	25 (1.0)	30.5 (1.2)
Minimum Rib Thickness	mm (in)	1.78 (0.07)	1.78 (0.07)
Tensile Strength @ 2% Strain	kN/m (lb/ft)	8.5 (580)	10.0 (690)
Tensile Strength @ 5% Strain	kN/m (lb/ft)	17.5 (1,200)	20.0 (1,370)
Ultimate Tensile Strength	kN/m (lb/ft)	27.0 (1,850)	30.0 (2,050)
Junction Efficiency	%	93	
Flexural Stiffness	mg-cm	2,000,000	
Aperture Stability	m-N/deg	0.75	
Resistance to Installation Damage	%SC / %SW / %GP	95 / 93 / 90	
Resistance to Long Term Degradation	%	100	
Resistance to UV Degradation	%	100	

Braid/Cordage Specification:

Product Properties	Test Method	Values
Size	#6, 3/16" nominal diameter, 8 carrier hollow core	3 picks/inch (min), 15 ends/carrier, 4 grams/denier
High PE Type III, Class A, Grade 4	ASTM D-1248	97% (min)
Carbon Black	ASTM 4218	2% (min)
Peak / Yield Tensile	Federal Standard 191	400 lbs
Elongation	Federal Standard 191	50% (max)

Helical Spiral Specification:

9 gauge, Grade 316L Stainless Steel, 1.5" Diameter, 3" Drop