

# HDPE Gabion Net

GEOSYNTHETIC SOLUTIONS \*\*



**HDPE gabion** baskets and mattresses are manufactured from a robust extruded UV stabilised net with high resistance to alkalis and acids. The mesh size is 60mm x 60mm and is completely corrosion resistant making it ideal for use in river and coastal protection. HDPE gabions and mattresses are lightweight, flexible and easy to handle.

## SPECIFICATIONS

Physical Properties:		Units	HDPE Gabion Mesh
Composition	Extruded HDPE with additives to UV degradation for a half-life of over 15years		
Mass	(Nominal)	g/m <sup>2</sup>	550
Mesh Size	(Nominal)	mm	60 x 60
Edge Filament - Elliptical	(Nominal)	mm	7 x 4
General Filament - Elliptical	(Nominal)	mm	5 x 3
Yield Strength - Transverse	(Nominal)	kN/m	5.33
Yield Strength - Longitudinal	(Nominal)	kN/m	4.82
Flexural Modulus	(Nominal)	kPa	112
Impact Strength (IZOD Notch)	(Nominal)	J/m	>520
Roll Width	(Nominal)	M	1.00
Roll Length	(Nominal)	m	25.00



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