

RINGS & FASTENERS

WIRE PROPERTIES

PHYSICAL PROPERTIES	VALUE	SPECIFICATION
Wire Diameter (mm)	3.0	As per manufacturer
Ring Dimension (Open) mm	38	As per manufacturer
Ring Dimension (Closed) mm	14	As per manufacturer

TENSILE STRENGTH

Galfan Coated Rings (MPa)	1520-1870	ASTM A641, ASTM A764, ASTM E8/MPT, ASTM B750
Stainless Steel Ring (MPa)	1520-1870	ASTM A313 Type 302 ASTM E8/MPT

COATING TYPES

Galfan Coated Rings	Galfan(95%Zinc +5% Aluminium Alloy + Mischmetals)				
Stainless Steel Rings	ASTM A313 Type 302, ASTM E8/MPT				

SUGGESTED RING QUANTITY

PRODUCT TYPE	GABIONS		ROCK MATTRESS		
	1.0m with diaphragms	0.5m with diaphragms	0.17	0.23	0.30
Height (m)	1.0m with diaphragms	0.5m with diaphragms	0.17	0.23	0.30
No. per m ³	40-50	30-40	—	—	—
No. per m ²	—	—	15-18	15-18	15-20

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SEP.10

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SYDNEY

P: (02) 9631 0744
F: (02) 9631 0755
E: info@globalsynthetics.com.au

BRISBANE

P: (07) 3865 7000
F: (07) 3865 4444

PERTH

P: (08) 9459 4300
F: (08) 9459 4311