




Global Synthetics

**GS_049
Lacing
Tool and C
Rings**



Global Synthetics GS_049 Lacing Tool and C Rings Instruction Manual

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Global Synthetics

Global Synthetics GS_049 Lacing Tool and C Rings



Product Information

The Global Synthetics 'C' ring fastening tool closes 38mm C rings effortlessly around gabion and mattress connection or selvedge wires. It is typically pneumatically driven for fast effective ring closure.

Applications

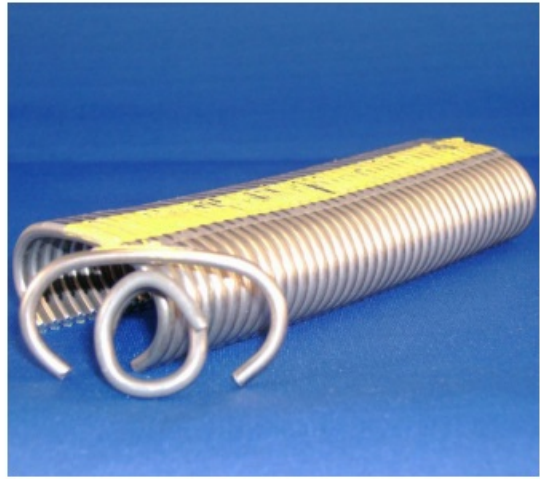
The 'C' rings are used to join and close gabions and rock mattresses as an alternative to traditional hand lacing with tiewire. C rings are available in Galfan® coating to suit Galfan® wire gabions and mattresses and in stainless steel for PVC coated units

Benefits

The pneumatically driven closing tool is the most popular due its ease of use and time saving. For small projects or when an air compressor may not be available or practical, please ask about our manual hand-operated tool option.

Features

The 'C' rings are collated with tape for rapid and easy handling and loading. The tips are blunt to limit injury. They are supplied in sealed cartons of 1,600 rings per carton.



Product Data Sheet

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% Aluminum Alloy + Mischmetals)			
Stainless Steel Rings		ASTM A313 Type 302, ASTM E8/MPT			
Suggested Ring Quantity					
Product Type	Gabions		Rock Mattresses		
Height (m)	1.0m width diaphragms	0.5 width diaphragms	0.17	0.23	0.30
No. required per m ³	40 - 50	30 - 40			
No. required per m ²			15 - 18	15 - 18	15 - 20

About Us

Leaders in Geosynthetics

Global Synthetics is a 100% Australian-owned company, proud to offer a complete range of high-quality geosynthetic products backed by over 200 years of combined staff experience in the industry. We have supplied products to some of the largest recent infrastructure works in Australia. Global Synthetics provides major benefits to any geotechnical engineering project with the right products and our technical expertise. Global Synthetics products are used in the following applications:

- Pavement Stabilisation
- Ground Improvement
- Soil Reinforcement and Retaining Structures
- Water Management
- Drainage Systems & Hydraulic Works
- Landfills
- Coastal Erosion Structures

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FAQ

Q: What are the suggested ring quantities for different product types?

A: For Gabions with 1.0m width, it is suggested to use 40-50 rings per m3. For Rock Mattresses with 0.5m width, 15-18 rings per m2 are recommended.

Documents / Resources

	<p>Global Synthetics GS_049 Lacing Tool and C Rings [pdf] Instruction Manual GS_049, GS_049 Lacing Tool and C Rings, Lacing Tool and C Rings, Tool and C Rings</p>
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References

- [User Manual](#)

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