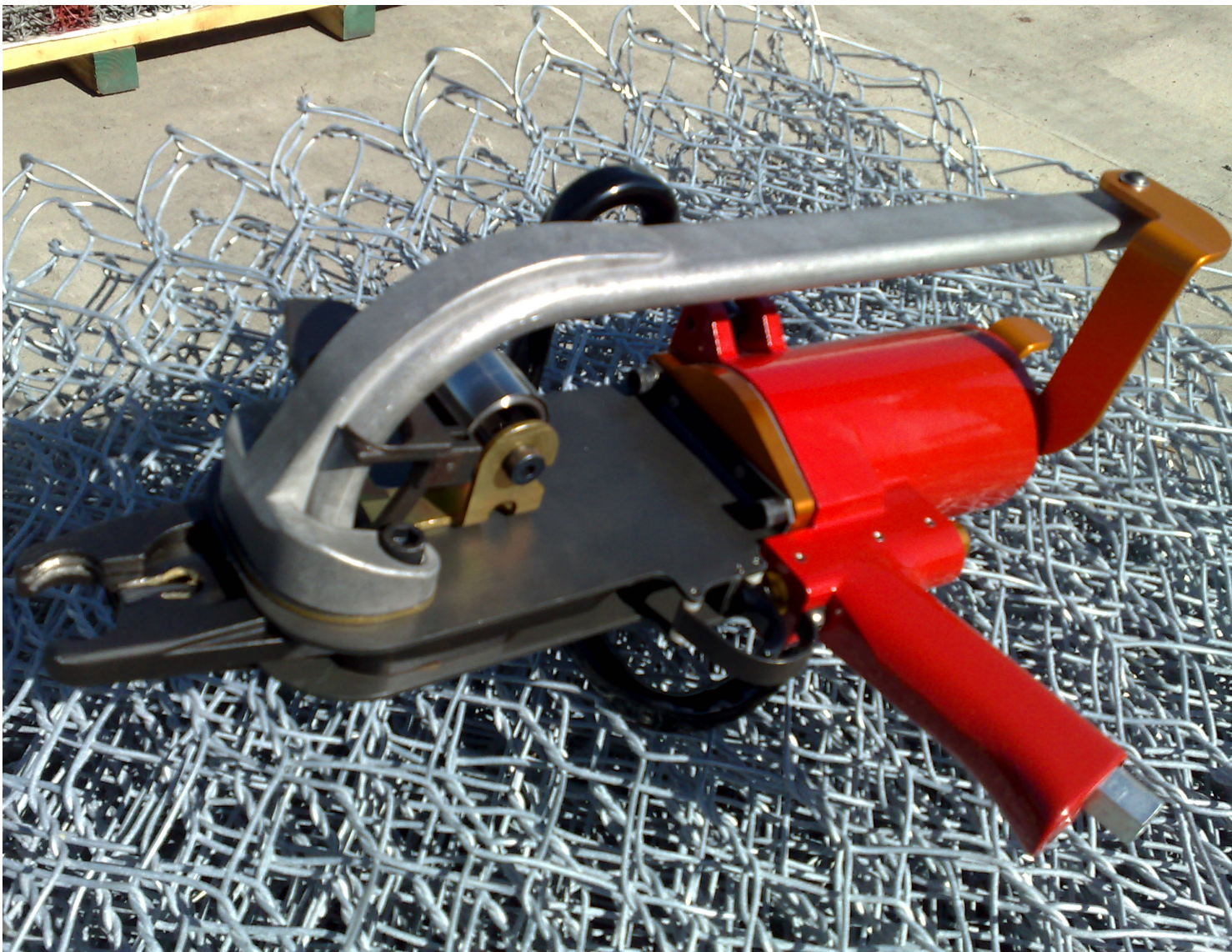


# Rings & Fasteners

Gabion accessories – (Lacing tool and 'C' Rings)

Improved fastening performance



## 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 tie wire. C rings are available in Galvan® coating to suit Galvan® wire gabions and mattresses and in stainless steel for PVC coated units.

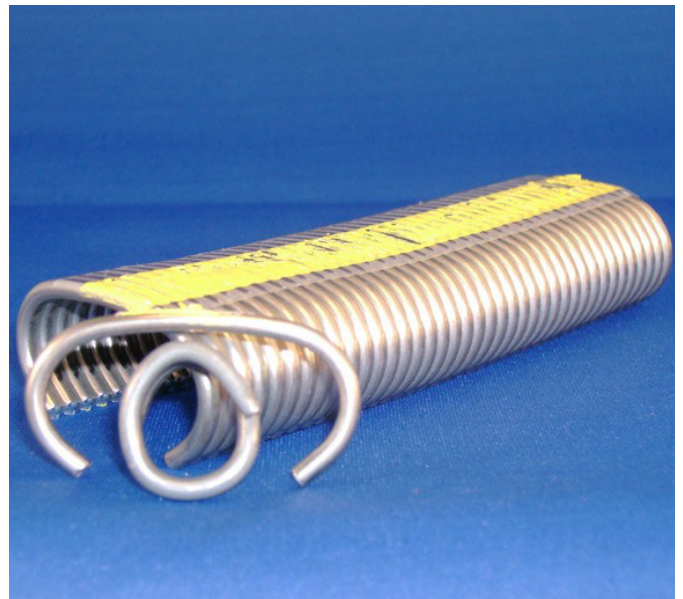
# Rings and Fasteners

## 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.



# Rings and Fasteners

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<br>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 <sup>3</sup> | 40 - 50               | 30 - 40                                            |                 |                                              |         |
| No. required per m <sup>2</sup> |                       |                                                    | 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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