



TWIN TIE & TOOLS[®]

CONTAINED
SEPARATION KIT FOR
CONTINUOUS LINERS
SAFE CLOSURE



DESTINATION PHARMA ●●●●●●●●

TWIN TIE: THE SPECIAL CLAMPS OF CSV CONTAINMENT

TWIN TIE is a contained separation kit for continuous liners safe closure. They are the quickest and most effective way to ensure safe operation when separating liners since they do not require any special closing operations and are always supplied in pairs.

The **TWIN TIE**, once pulled with the most suitable tightening tool, are separated with a simple cutter. They do not require film twisting.



Main features of **TWIN TIE** :

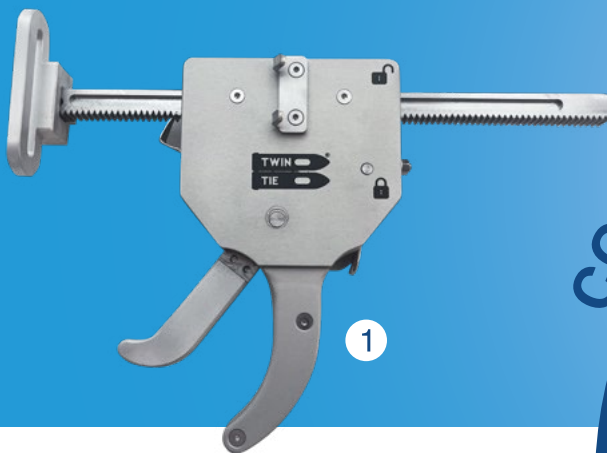
- Adapting to all continuous liner diameters.
- No slipping after tightening.
- Containment Level OEB 5, validated through SMEPAC tests in our laboratories.
- User friendly and extremely simple procedures.

Packaging options:

- Standard: 100 **TWIN TIE** per pack.
- In clean room: 100 **TWIN TIE** in a double pack.
- Gamma irradiation sterilization: 100 **TWIN TIE** in a triple pack
- Raw material control and batch traceability.
- Custom logo of the client.
- Fast delivery and priority delivery option.



COMPONENTS



TWIN TIE KIT: MANUAL OR PNEUMATIC TIGHTENING TOOL AND CUTTER

CSV Containment offers **TWIN TIE** in a practical kit. The case contains, in addition to a supply of **TWIN TIE** a tightening tool and a simple cutter. The customer can choose between a manual or pneumatic tightening tool, depending on the type and on the frequency of the crimping operations.

Pneumatic tightening tool

It is recommended when there are numerous crimping operations and when continuous liners are involved.

Main features:

- Maximum torque: 6-8 bar
- Compressed air
- Clamp opening min - max: 120 mm - 210 mm
- Ergonomic handle
- Push button activation
- Weight: 1.9 kg



- 1 Manual tightening tool
- 2 Pneumatic tightening tool closed
- 3 Pneumatic tightening tool extended
- 4 TWIN TIE manual kit

Manual tightening tool

It is the best solution for large bags and very large packages.

Main features:

- Easy to use
- No compressed air required
- Adaptable to any size of sleeve and continuous liner
- No need to roll up plastic film
- Material: anticorrosive aluminium
- Weight: 1.7 kg



DESTINATION PHARMA ●●●●●●

PART OF
CSV Life Science Group

CSV Containment is the branch of the Group with strong expertise in containment systems for high potent API design, construction and integration. The company can satisfy to the most demanding requirements thanks to its deep knowledge of the processes.

CSV life Science Group is a group of companies providing the pharmaceutical market with integrated solutions. Its final purpose is to successfully complete a project in all its phases: from strategic decisions to engineering activities definition, from process development and containment strategy up to the final validation. The family has grown over the years and today consists of: CSV Life Science, CSV Construction, Pharma Hub, CSV Active and CSV Containment.



TECHNICAL OFFICES

Strada Casalcernelli 111
15073 Castellazzo Bormida (AL)
ITALY



P +39 02 274393.1
F +39 02 27439320
E containment@csv-ls.com
www.csvcontainmentnews.com

REGISTERED OFFICE

Via Selvanesco 77
20142 Milan | ITALY
www.csvlifesciencegroup.com