



# LINER GLIDER

# OPERATION & SAFETY MANUAL



**⚠ WARNING**

These instructions are for your personal safety. Always ensure that you have read and understood these instructions before using any of the Picote range of Tools. *SAVE THESE INSTRUCTIONS FOR FUTURE REFERENCE.*

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To watch practical demonstration videos, or to download an electronic copy of these Instructions, please visit [www.picotesolutions.com](http://www.picotesolutions.com). Please note that videos are not intended as a replacement or alternative to this operating and safety manual, but only as an additional learning tool.

## SAFETY INFORMATION

### **WARNING**

*This section contains important safety information. Failure to comply could result in serious injury or death.*

### Safety Symbols

Safety symbols are used throughout this manual to draw attention to potential hazards.



**Danger** risk of serious injury, follow instructions.



**Danger** risk of serious injury from rotating parts, follow instructions.

### Personal Protective Equipment (PPE)

Always use Personal Protective Equipment when using the Picote Liner Glider, including suitable overalls / protective clothing & footwear and the following:



Always wear suitable eye protection when using the Picote Liner Glider to prevent dust or resin from getting into your eyes.



Always wear suitable chemical resistant gloves when using the Picote Liner Glider to prevent any direct contact with resin. Any open injuries or skin irritations should be covered at all times to avoid contact with sewage, chemicals or dust.



Always wear a suitable respirator when using the Picote Liner Glider to prevent any resin fumes being inhaled or consumed when impregnating and installing the lining.

## SAVE ALL WARNINGS AND INSTRUCTIONS FOR FUTURE REFERENCE

**⚠ WARNING** *This section contains important safety information. Failure to comply could result in serious injury or death.*

### ENVIRONMENTAL

**Operational Ambient Temperature Range:** -10...50 °C (14...122 °F) frost and condensation free

**Storage Ambient Temperature Range:** -20...60 °C (-4...140 °F) frost and condensation free

### TRANSPORT

Picote tools should be transported in car or other vehicle properly secured to prevent any sudden movements caused by hard braking or accident. Using lidded boxes which are fastened and stored on the bottom of a van is recommended.

If using pick-up or trailer to transport Picote machine or tools, cover the products to protect them from raining water and dust.

### STORAGE

It is recommended that tools are stored indoors protected from rain and sunlight and in constant ambient temperature.

If products have been stored for long periods of time (over 2-3 months), it should be checked and tested prior to use in field.

### DISPOSAL

Picote Liner Glider shaft and tool head can be recycled in plastic waste collection points.

Always follow the local waste handling rules and regulation.

## SAVE ALL WARNINGS AND INSTRUCTIONS FOR FUTURE REFERENCE

### GENERAL MACHINE SAFETY WARNING



**WARNING**

*This section contains important safety information. Failure to comply could result in serious injury.*

**Always read all safety warnings and instructions.** Failure to follow warnings and instructions may result in exposure of chemicals or serious hand injury.

### SAFETY REQUIREMENTS



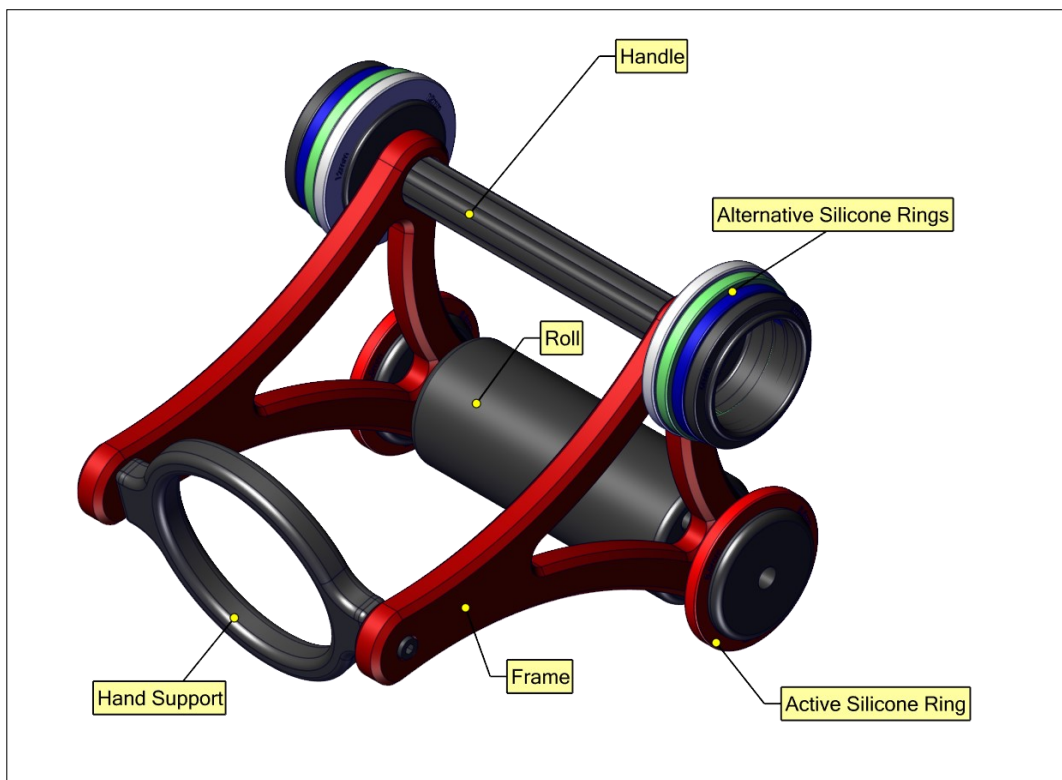
**WARNING**

*This section contains important safety information. Failure to comply could result in serious injury.*



1. **Always wear eye protection as well as chemical resistant gloves.** Other personal protective equipment, such as dust or fresh-air mask and overalls should be worn when necessary. Dust produced when working can be dangerous to your health, inflammable or explosive. Always wear appropriate protective equipment.
2. Always read carefully the safety data sheet of the resin used to impregnate liner before first use. Always follow the resin and liner supplier instructions for use.
3. **Before each use** inspect the equipment carefully for any damage. **Change damaged parts immediately.**
4. When impregnating the lining, it is very important that it is supported on a stable, even surface at all times. The liner is easiest to impregnate evenly with Liner Glider when the process is done on sufficient size table.
5. If the working environment is extremely hot, use ice or other coolants to increase the working time of the mixed resin. Check the instructions from the resin manufacturer for detailed information.
6. Ensure that the resin mixing and impregnation areas are properly ventilated before using the equipment. The operator must wear air respirator system if the working space does not have sufficient enough ventilation to avoid inhalation of potentially harmful vapors.
7. Only use this equipment with the accessories and spare parts offered by the Picote Solutions. Accessories and spare parts should only be used in the manner intended and as described by the Picote Solutions.

## GENERAL INFORMATION



## TECHNICAL DATA

Size (mm/inches)	Pipe Diameter (mm/inches)	Weight (kg/lbs)
336x333x263 13.2"x13.1"x10.4"	DN50-DN100 (2"-4")	4.0 (8.8)

## INTENDED USE

This equipment is intended for the following uses:

Impregnation of liners by spreading the resin evenly inside the liner.

# OPERATING INSTRUCTIONS

## Before operation:

**⚠ WARNING** • Before beginning to impregnate the liner, always make sure that the working area is properly ventilated or use an air respirator system.

**⚠ CAUTION** • Ensure enough space and even surface for use of Picote Liner Glider.

- Always read and understand the resin safety data sheet before first use.
- Use proper chemical resistant gloves when handling the resin.
- Select the correct size silicone rings for the liner. See your liner manufacturer data sheets for more information.
- If work takes place in warm conditions, make sure you have ice or other coolants available to ensure sufficient working time for preparing and installing the lining.

## During work:

- Do not overfill the lining to be impregnated. Add the resin in a controlled manner and use the Liner Glider to spread the resin evenly inside the lining.
- The lining needs to be properly wetted out. Dry locations will create weak points in structure after the liner is cured. Check the prepared lining carefully, ensuring that the colour of the lining is constant throughout its length.
- Avoid using too much resin to avoid possible spills and excess resin slugs in the rehabilitated pipe.

## SELECTING THE SILICONE RING

There are five (5) different size silicone rings available with the Liner Glider. Instructions for changing silicone rings are presented on pages 7-9. The ring size table is shown below.

Silicone Ring Colour	Gap (mm)	Lining Thickness (mm)
Black	6mm	3mm
Blue	7mm	3.5mm
Red	8.5mm	4.25mm
Green	10mm	5mm
White	12mm	6mm

## CHANGING THE SILICONE RINGS



Select the correct size silicone rings according to the lining manufacturer instructions.

**Step 1.** To exchange or replace the silicone rings simply pull them out off the roller as indicated in the figure below. Repeat for the other side.

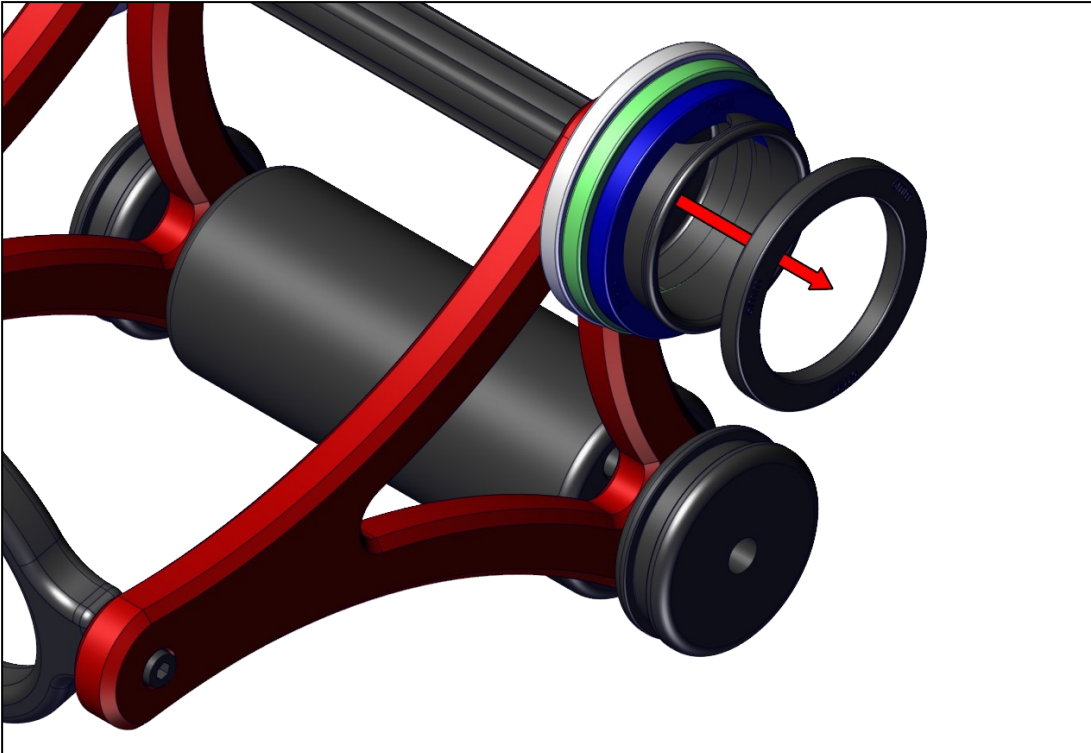




## CHANGING THE SILICONE RINGS



**Step 2.** Pull the correct size silicone rings from the storage rack on each side the handle.



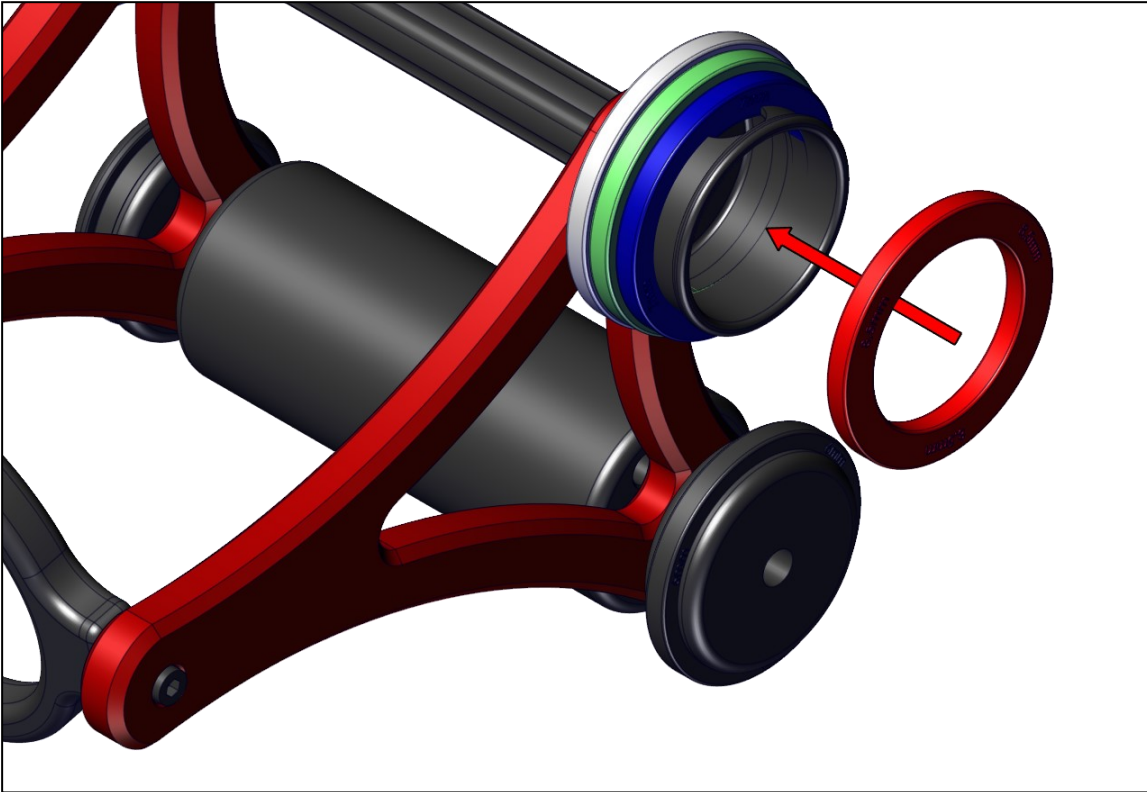
**Step 3.** Add the correct size silicone rings to the roller. Repeat for the other side.



## CHANGING THE SILICONE RINGS



**Step 4.** Push the remaining silicone rings onto each side of the storage rack so they are secured on the Liner Glider.



## MAINTENANCE

### **⚠️ WARNING**

Carefully inspect the silicone rings and the roller part to ensure that there are no signs of damage. Replace when required.

If there is problem that you cannot solve using this manual, please consult your Picote Reseller or Picote Solutions

## ACCESSORIES & SPARE PARTS

### **⚠️ WARNING**

Only use genuine Picote Solutions accessories, attachments, and replacement parts provided from an authorised reseller. The use of other accessories or attachments could present a risk of serious injury. Accessories, attachments, and parts should only be installed and used as intended and indicated in this manual.

PART #	DESCRIPTION
2380000000	Picote Liner Glider
238000001	Liner Glider Spare Rings 6mm 2pcs
238000002	Liner Glider Spare Rings 7mm 2pcs
238000003	Liner Glider Spare Rings 8.5mm 2pcs
238000004	Liner Glider Spare Rings 10mm 2pcs
238000005	Liner Glider Spare Rings 12mm 2pcs
900001327	Roll for Picote Liner Glider

## TRAINING

For information about product training and support please contact your authorised Picote Reseller or Picote Solutions: [training@picotesolutions.com](mailto:training@picotesolutions.com)

# WARRANTY POLICY AND PROCEDURE

## Limited Warranty:

Picote warrants to the original End User that the Product purchased by such End User will operate in accordance with and substantially conform to their published specifications when shipped or otherwise delivered to the End User and for a period of one (1) year, except electric motors for which the warranty period shall be six (6) months, provided, however, that Picote does not warrant any claim or damage under this

Warranty if such claim or damage results from:

1. Consumable parts or normal wear and tear resulting from use of the Products,
2. Product overload or overheated motor,
3. Regular periodic maintenance of Products,
4. Misuse, neglect, or improper installation or maintenance of the Products, or use of Products not for their intended purpose,
5. Products that have been altered, modified, repaired, opened or tampered with by anyone other than Picote or an authorized Picote Service Centre, or unsuitable or unauthorized spare parts, accessories or third party products when using the Products or;
6. the use of the Products not in compliance with their respective Documentation, user manuals, safety and maintenance instructions, and any usage restrictions contained therein, or
7. accident, fire, power failure, power surge, or other hazard.

Otherwise, the Products are sold AS IS. End User is responsible for using the Products within their specifications and instructions as contained in the Documentation.

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