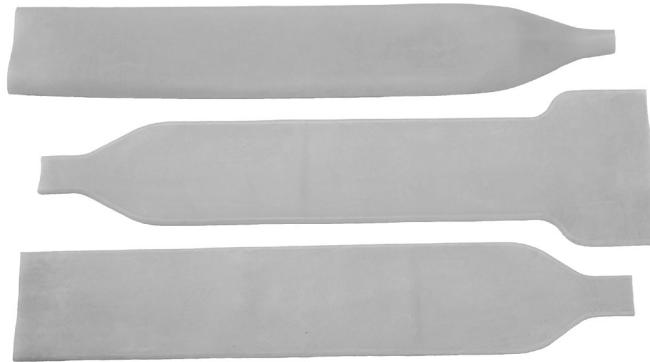




REUSABLE LATEX COLLECTION LINERS USER GUIDE



Introduction

Reusable Latex Collection Liners are preferred by many stallions but in rare instances motility is reduced. To minimize this effect, latex liners must be pre-conditioned prior to first use, and correctly washed after each additional use. The pre-conditioning removes additives used in manufacturing that may be spermicidal. This process takes at least 2 days to complete.

The Ready To Use Latex Collection Liners have been pre-conditioned at the factory and do not require any additional preparation prior to the first use.

This user guide is designed for the following liners:

AV Size	Round liner	Straight Liner	Flared Liner
22"	RAVL-201	RAVL-102	RAVL-103
19"	RAVL-201-19	RAVL-102-19	RAVL-103-19
15"	RAVL-201-15	RAVL-102-15	Not Available
12"	RAVL-201-12	RAVL-102-12	Not Available

Add a "-RTU" to the part numbers listed above to denote ready to use liners.

Storage And Use

To install the liner for use on an A.V., see "Assembly of the CSU Model Artificial Vagina" in the "Techniques for Collection, Evaluation and Insemination of Stallion Semen" book.

Liners should be washed immediately after each use. Please refer to the "Washing Conditioned Latex Liners" section on the back of this user guide.

Liners should be stored in a dust free environment at all times. To maximize the life of a latex liner, store it in the freezer rolled up inside a zip lock bag.

Preconditioning New Latex Liners

Latex liners must be preconditioned prior to first use (*Ready To Use liners DO NOT need to be preconditioned*). Supplies required for this procedure are; distilled or deionized water (3 to 5 gallons), perfume/dye free liquid detergent (Example: Liquid Cheer Free®).

1. Turn liner(s) inside out so that the side that comes into contact with the semen is exposed.
2. Place the liner(s) in a clean washing machine (not the washing machine used in the barn).
3. Add a liquid detergent that contains no dyes or perfumes inside the washing machine with the liners. Follow recommendations using the amount specified for a full load.
4. Set the washing machine to warm wash/warm rinse and heavy load. Use the longest cycle with an extra rinse, if available.
5. Repeat steps 3 and 4 for a total of five wash cycles.
6. Rinse the liner(s) using the above machine settings for five additional complete cycles. Do not add detergent.
7. Place the liners lengthwise in a plastic container and add 3 to 5 gallons of distilled or

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deionized water. The liner(s) should be completely submerged. A heavy object inside a zip lock bag may be placed on top of the liners. Cover the container and soak the liners for 24 hours.

8. Rinse liners thoroughly with fresh distilled or deionized water by placing the liners in a tub and running the water through them several times.
9. Rinse each liner separately, twice, in a second tub filled with fresh distilled or deionized water.
10. Hang the liners to dry in a dust free cabinet. Liners are dry when they return to natural color and there are no observable white marks on them. Liners that are not dry may become sticky and difficult to pull apart.

Washing Conditioned Latex Liners

Latex liners should be cleaned immediately after each use. Supplies required for this process are; distilled or deionized water (3 to 5 gallons), Terg-a-zyme® Detergent (P/N TAZ-101), Nolvasan Solution (P/N NSD-101).

1. Remove the liner from the CSU Model artificial vagina. To do this, remove the collection bottle and place the AV upside down in a sink. Put water into the open end until the A.V. is approximately 2/3 full. Raise the case quickly and the pressure of the water will invert the liner (the "dirty" side will be on the outside). Remove the liner from the AV.

2. Rinse the liner with cold, running water until the rubber is "squeaky" clean of smegma, semen, lubricant, hair, etc. Latex is somewhat porous, therefore only cold water should be used during the first cleaning step.
3. Soak the liner in a container of Nolvasan solution (1:49 Nolvasan to water). The liner may remain in the solution for up to 24 hours, but it should be completely submerged or drying at the junction of air and solution will result in deposition of residue.
4. Remove the liner from the Nolvasan solution and place in a sink filled with hot water and Terg-a-zyme®. The liner should be scrubbed with a brush.
5. Empty the sink and refill with warm tap water. Rinse the liner four times, changing the water each time since soap and disinfectants are spermicidal. The water should be warm enough to dissolve all the detergent, but not hot enough to make the liner "sticky".
6. Place the liner in a sink or tub filled with cool distilled or deionized water. Rinse the liner four times, changing the water between each rinse.
7. The liner now should be hung in a dust free cabinet to dry.

Do not attempt to use a liner until it is completely dry. Water is known to be spermicidal. A liner is dry when it returns to natural color and shows no visible white marks or water beads on it. Liners that are not dry may become sticky and difficult to pull apart.

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