Introducing
THE BETTER ENGINEERED TEAT SEALANT.
While cows are naturally protected against intramammary infections during the dry period by the formation of a keratin plug in the teat canal, time of closure varies and some quarters won’t form a plug at all. Now there’s a better engineered teat sealant with Lockout™. Delivering a non-antibiotic blue paste, Lockout™ is formulated to remain securely in place in the teat canal through the dry period.

DEFENSE AGAINST BACTERIA.

- Lockout™ simulates a cow’s natural first line of defense, the keratin plug, to seal the teat against harmful bacteria by providing a sterile, antibiotic-free barrier that prevents pathogens from invading the udder through the teat end.
- Lockout™ is compatible with conventional dry-cow management practices, and labeled for use in dry dairy cows and replacement heifers.
- Lockout™ requires no milk or pre-slaughter withdrawal. If antibiotics are used, follow recommended withdrawal times.
- Lockout™ can safely be ingested by calves, without the presence of adverse effects.

DEFEND YOUR DAIRY WITH THE SEALANT YOU CAN SEE.

Find out more at www.mastitis.ca/lockout

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WHAT MAKES LOCKOUT™ UNIQUE?

ERGONOMIC DESIGN
Lockout™ maximizes efficiency while minimizing hand discomfort with the syringe's larger thumb pad, widened wings and compact size.

FAST, EASY & HYGIENIC APPLICATION
Lockout™ comes in single-dose syringes with an easy-to-remove cap, and short tip designed for hygienic insertion.

NO AIR POCKET
Lockout™ is easy to administer without added air in the syringe.

APPLICATION INDICATOR
Rest assured that a full dose has been administered when our application indicator fully recedes into the syringe.

VISIBLE BLUE PASTE
Lockout™ is the first non-antibiotic internal teat sealant to feature a visible blue paste that's easy to distinguish from milk during removal.

By Merial
HOW TO PROPERLY ADMINISTER LOCKOUT™ TEAT SEALANT IN YOUR DAIRY.

Follow these steps for optimal results in a dry-off protocol.

1. Begin by ensuring each quarter has been completely milked out.
2. Proper hygiene is crucial. Remember to keep syringes clean, and replace or disinfect disposable gloves between each cow or when soiled. **DO NOT** immerse syringes in water prior to use.
3. If recommended by your farm protocol, administer antimicrobial dry cow treatment, as per label.
4. Scrub each teat end with a 70-percent-alcohol-soaked pad, starting on teats farthest away.
5. Remove the cap from the Lockout™ non-antibiotic internal teat sealant tube, being careful to not touch the tip and maintain proper hygiene.
6. Infuse teats in the opposite order to cleaning (i.e., treat the quarters nearest to you first).
7. Pinch the teat where it joins the base of the udder. This helps position the Lockout™ paste in the teat canal.
8. Apply Lockout™ using partial-insertion technique, starting on the closest teat (opposite order of cleaning). **NOTE** the plunger only travels one half inch.
9. Rest assured that a full dose has been administered when our application indicator fully recedes into the syringe.
10. **DO NOT** massage Lockout™ teat sealant into the udder.
11. Apply a post-milking teat disinfectant.

FOLLOW THESE STEPS WHEN REMOVING LOCKOUT™ TEAT SEALANT.

1. **DO NOT** remove Lockout™ by action of milking machine.
2. At calving thoroughly hand-strip every teat beginning at the top of the teat and working down. Express a minimum of 10 to 12 strips per teat. Repeat until product is fully removed before milking. **Ingestion by calves is safe and produces no adverse effects.**
3. Identification: Lockout™ is the first non-antibiotic internal teat sealant to feature a visible blue paste that’s easy to distinguish from milk during removal.
4. Remove milk from fresh cows for a minimum of 72 hours, per normal post-calving procedure. See important withdrawal information below.

WITHDRAWAL INFORMATION:
Lockout™ requires no milk or pre-slaughter withdrawal when used alone. If dry cow treatment is used in conjunction with Lockout™, follow recommended antibiotic withdrawal times per the label.