



# SHUTOUT™

Comparing teat sealants?  
ShutOut checks all the boxes.

| Product   | SHUTOUT™                              | ORBESEAL®                             | LOCKOUT®             | MASTISHIELD™               | BOVIBLOCK®                 | U-SEAL®                       |
|---|---------------------------------------|---------------------------------------|----------------------|----------------------------|----------------------------|-------------------------------|
| Company   | Merck Animal Health                   | Zoetis                                | Boehringer Ingelheim | Aspen Veterinary Resources | MWI Animal Health          | Durvet Animal Health Products |
| Percentage of bismuth subnitrate                        | 65%                                   | 65%                                   | 60%                  | 65%                        | 65%                        | 65%                           |
| Package options   | 144-syringe bucket and 24-syringe box | 144-syringe bucket and 24-syringe box | 144-syringe bucket   | 144-syringe bucket         | 144-syringe bucket         | 144-syringe bucket            |
| Administration  | Short and long tip options            | Long tip                              | Short tip            | Short and long tip options | Short and long tip options | Long tip                      |
| Disinfectant wipes                                      | Biodegradable, individual wipes       | Individual wipes                      | Individual wipes     | Individual wipes           | Individual wipes           | Canister of 200               |
| Comparison study of six products*                       | ✓                                     | ×                                     | ×                    | ×                          | ×                          | ×                             |
| Easy syringeability*                                    | ✓                                     | ✓                                     | ×                    | ✓                          | ✓                          | ×                             |
| Short plunger stroke*                                   | ✓                                     | ×                                     | ✓                    | ×                          | ×                          | ✓                             |
| Minimal air in syringe*                                 | ✓                                     | ×                                     | ✓                    | ×                          | ×                          | ✓                             |
| Easy breakable cap (to use short tip)*                  | ✓                                     | N/A                                   | N/A                  | ×                          | ×                          | N/A                           |
| No rough edges on cap (when breaking to use short tip)* | ✓                                     | N/A                                   | N/A                  | ×                          | ×                          | N/A                           |

For more information, visit [ShutOutForDairy.com](http://ShutOutForDairy.com).

\*Data on file, Merck Animal Health.

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ORBESEAL® is a registered trademark of Zoetis Services LLC.

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VETONE BOVIBLOCK® is a registered trademark of MWI Veterinary Supply Co.

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