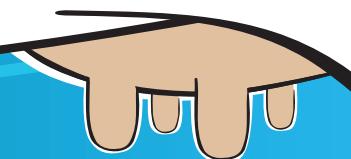


# SHUTOUT™

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	144-syringe bucket	144-syringe bucket	144-syringe bucket	144-syringe bucket
Administration	Short- and long-tip options	Long tip	Mid-length 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
Year introduced	2020	2003	2018	2018	2018	2018
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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