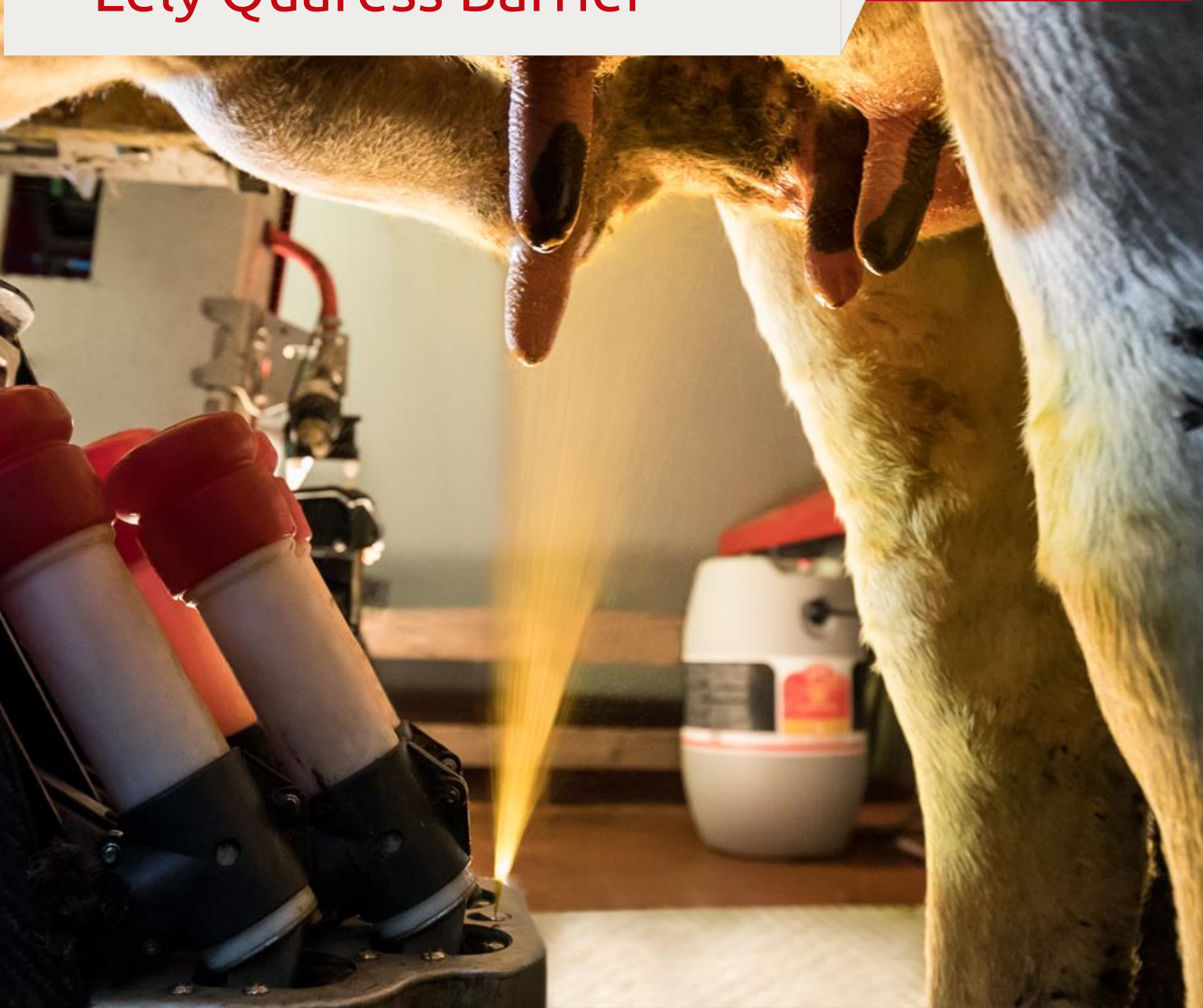


Spray-able udder  
care product

# Lely Quaress Barrier



- Long term protection by focus on sealing off the teat end
- Long lasting and still easy to remove barrier by the Lely brush concept
- Unique sprayable barrier product for the Astronaut milking robot





### Lely Quaress Barrier


Lely Quaress Barrier is a ready-to-use udder care product applicable in the Lely Astronaut milking robot. This product, based on povidon-iodine, seals off the teat end from the environment with a physical protective layer. This barrier disables microorganisms from entering the udder. The protective layer acts like a breathing and caring second skin. Ideal for use in dairy farms where challenging environmental conditions asks for well-protected udders.

Barrier products are known for their film acting properties to create a physical barrier between the teat-canal and the environment. The polymer stimulated by the body-heat of the cow together with exposure to the environment forms a protective seal around the teat. While the Lely Quaress Barrier is drying off into a breathing seal, the active iodine secures disinfection. Skin condition is constantly threatened by, among other things, the milking process itself (mechanical stress), weather (cold, moisture, sun, wind) and by the action of the disinfecting ingredient. Therefore the product is rich in glycerin and emollient. Lely Quaress Barrier ensures teats ready for milking after they are cleaned by Lely brushes.

### Product characteristics

Active substances	Iodine (1500 ppm), Glycerin, Emollients, Polymer
Appearance	Liquid, brown
Storage stability	34°F/2°C to 104°F/ 40°C; keep in dark, cool, dry and well ventilated area
Sensitivity to frost	34°F/2°C. We always recommend to keep chemistry free of frost
Relative density	0.99 – 1.03 g/cm³
pH	5.0 to 5.5
Shelf life	20 months
Application	Lely Quaress Barrier is a ready-to-use bactericidal and yeasticidal disinfectant. After milking, the Lely Astronaut milking robot sprays the product directly on the teats of the cow. Before use, make sure the system is technically adapted to the application of Lely Quaress Barrier. If not adapted, irregularities might affect the spray pattern at low temperatures. Do not apply below 5°C/40°F.
Other applications	Requires technical adaptations. Pump pressure: 3,5-5 bars. Consult your local AFS specialist for the correct settings.
Safety	Safety information is specified on the Safety Data Sheet (SDS). Safety Data Sheets can be found on <a href="http://www.lely.com">www.lely.com</a> . In case of an emergency always consult your doctor or supplier. Use biocides safely. Always read the label and product information before use.

### Product order information

	Name	Size	Consumables number
	Lely Quaress Barrier	15 gallon 55 gallon	US6302233 US6302234

For more information, please contact your local Lely Center.

December 2019