



...combining quality with innovation



SPECIALITY PRODUCTS

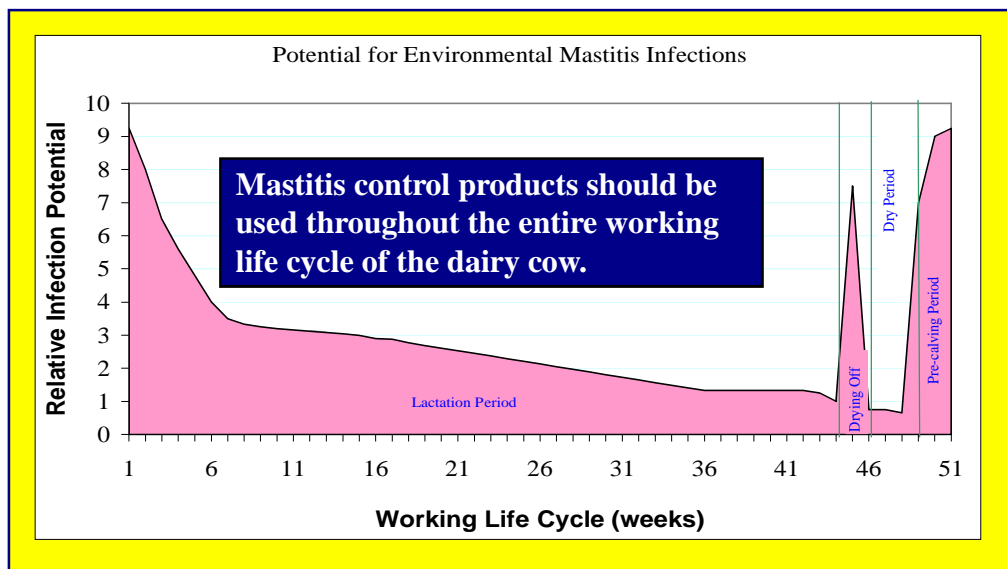
Viscosity Modifier V-100

Viscosity Modifier X-35

www.T-HEXX.com

How T-HEXX® Technology Fits Into Your Mastitis-Prevention Program

T-HEXX Animal Health has been one of the leaders in teat dip technology since 1999 when we introduced our **Viscosity Modifier V-100** that turns ordinary teat dip into a superior post milking barrier. Since then we have delivered quality dips such as our **T-HEXX DRY** External Teat Sealant and our new line of **GREEN** products for all types of dairies. With our introduction of recent product developments, we now offer a complete product line of quality mastitis control products that fit the needs of all types of dairies from teat dip to hoof baths.



Cows are exposed to environmental pathogens during their entire working cycle, but are more susceptible to infection during certain times. Good management programs are very important to decrease the spread of contagious pathogens (1). Clinical studies show that **T-HEXX** products significantly reduce the occurrences of mastitis during lactation, the drying off period and the critical time two weeks prior to calving (due to open teats).

It is the mission of **T-HEXX Animal Health** to offer a complete mastitis control protection program for the entire working life cycle of the dairy cow from teat to feet. *Product is also available in NMP and Glydant free

(1) NMC, National Mastitis Council, A Practical Look at Contagious Mastitis

T-HEXX[®] Viscosity Modifier V-100

T-HEXX Viscosity Modifier V-100 is easily blended with your ordinary teat dip, turning it into a high performance post milking barrier.

We can offer suggested formulations with three different actives; iodine, bronopol, and chlorhexidine, depending on the needs and preference of your business. The final ready to use product will give your teat dip the following characteristics:



- Barrier film coating
- Less environmental impact
- No-drip properties reduce
- Water resistant

Using **T-HEXX Viscosity Modifier V-100** as a part of your formulations will ensure film forming protection, easy removal, and teat health conditioning. Excellent for use in all weather conditions, especially during heavy rains, adding just 5% of **T-HEXX Viscosity Modifier 100** will take your ordinary teat dip to the next level.

Apply to customize dips or sprays with the following:

Germicides:

0.5% to 1% Iodine

0.5% Chlorhexidine

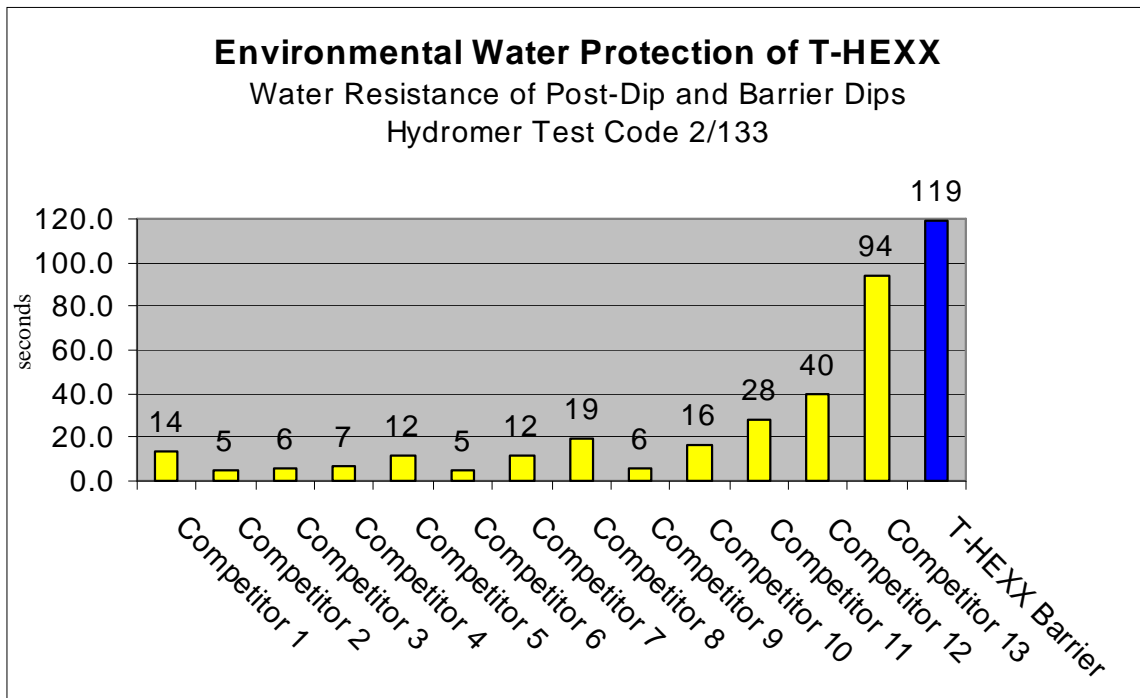
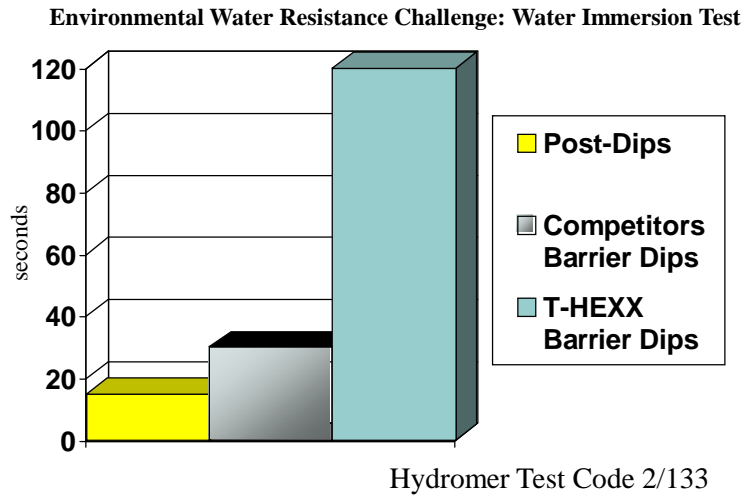
0.1% & 0.2% Bronopol

Surfactants & Emollients

*Product is also available in NMP and Glydant free formulations

T-HEXX[®] Viscosity Modifier V-100

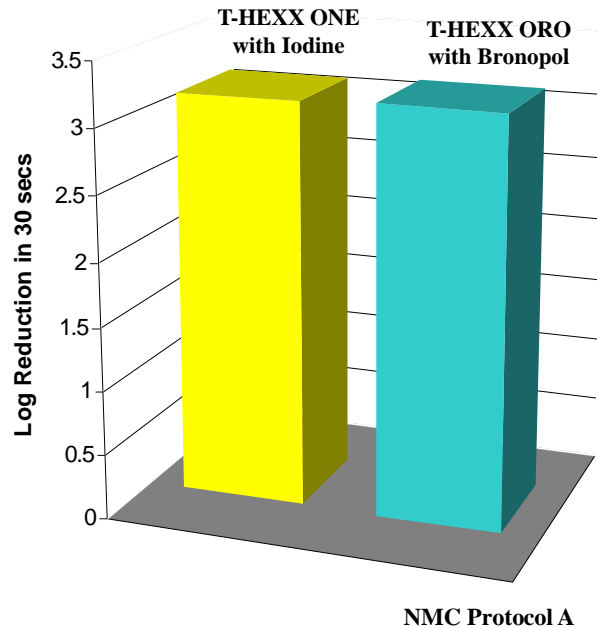
T-HEXX Viscosity Modifier V-100 is 5X more water resistant than leading competitors. Teat dips made with **T-HEXX Viscosity Modifier 100**, when submerged in water, remain on the teat even after 120 seconds! Other leading competitors came off after less than 100 seconds of exposure to water.



T-HEXX[®] Viscosity Modifier V-100

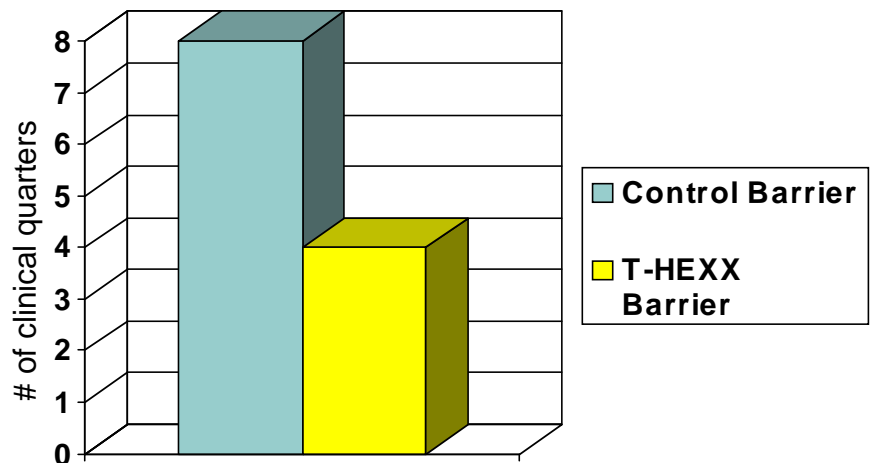
Teat Dips containing **T-HEXX Viscosity Modifier V-100** using our suggested formulations show high germicidal activity against *S. aureus* and *E. coli* when compared to leading competitors.

Effective Killing of Mastitis Causing Organisms



Our formulations are great to use during times where teat integrity may be compromised, especially in harsh weather conditions. Studies show that using the ready to use formulations incorporating our **T-HEXX Viscosity Modifier V-100** help not only maintain, but enhance teat end integrity.

Evaluation of Two Barrier Teat Dips to Maintain/Enhance Teat End Integrity During Winter/Spring (2/28/05 – 4/27/05)



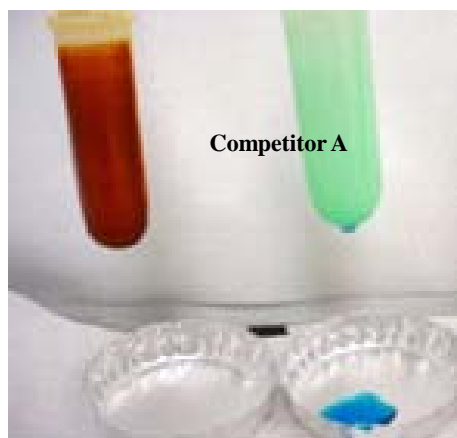
Timm, LL., Perschbacher, DJ., Ehrmann, C., Slater, N., Iowa State Univ, Ames IA, 2005 AABP (Poster Session) -Salt Lake City Fall 2005

T-HEXX[®] Viscosity Modifier V-100

No-Drip Test

20 minutes after dipping

T-HEXX ONE
with Iodine
Made with
Viscosity
Modifier V-100



Competitor B



T-HEXX ORO
with Bronopol
Made with
Viscosity
Modifier V-100

Post milking barrier teat dips made with **T-HEXX Viscosity Modifier V-100** are far superior to other leading competitors on the market with their ability to completely eliminate waste with technologically advanced no-drip properties and film forming capabilities.

Suggested formulations made with **T-HEXX Viscosity Modifier V-100** gives your teat dip:

- Water resistivity
- Improved teat conditioning
- High germicidal activity
- Protection between milkings



T-HEXX[®] Viscosity Modifier X-35

NEW

Create your own post milking teat dip using **T-HEXX Viscosity Modifier X-35**. Have a Iodine post dip that you want to make into a barrier dip? Instead of re-formulating from scratch, add **T-HEXX Viscosity Modifier X-35** to enhance your existing iodine teat dip.



T-HEXX Viscosity Modifier X-35 can be formulated with 1,000 to 10,000 ppm existing iodine formulations to create a non-drip, water resistant, film forming teat dip. This enhancer is a water soluble polymer blend that is compatible with a wide range of iodine concentrations.

T-HEXX Viscosity Modifier X-35 can be mixed with:

- 1% of a 20% Iodine Solution equal to 2,000 ppm titratable iodine
- 2.5% of a 20% Iodine Solution equal to 5,000 ppm titratable iodine
- 5% of a 20% Iodine Solution equal to 10,000 ppm titratable iodine



This picture demonstrates the film forming capabilities of a pre-existing iodine teat dip mixed with **T-HEXX Viscosity Modifier X-35**.

T-HEXX[®] products are now available worldwide

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Other Services Available from T-HEXX Animal Health:

Sales Services

- * Sales support of product performance & advantages of products
- * Sales presentations and information for sales managers

Technical and R&D Services

- * In-house antimicrobial test laboratory resources
- * On-site assistance for teat dip blending operations
- * Customized services for product development

