



NEW!

Fully Locking
AntiTwist Shells
Available

GEA GQ Liners

Innovative design for
optimal milking



engineering for
a better world

gea.com



Customized milking for your herd

Let our team of experts optimize your milking system with the right GEA liner.

GEA liners facilitate an optimal milking process when properly matched to the teat, the shell and equipment settings.

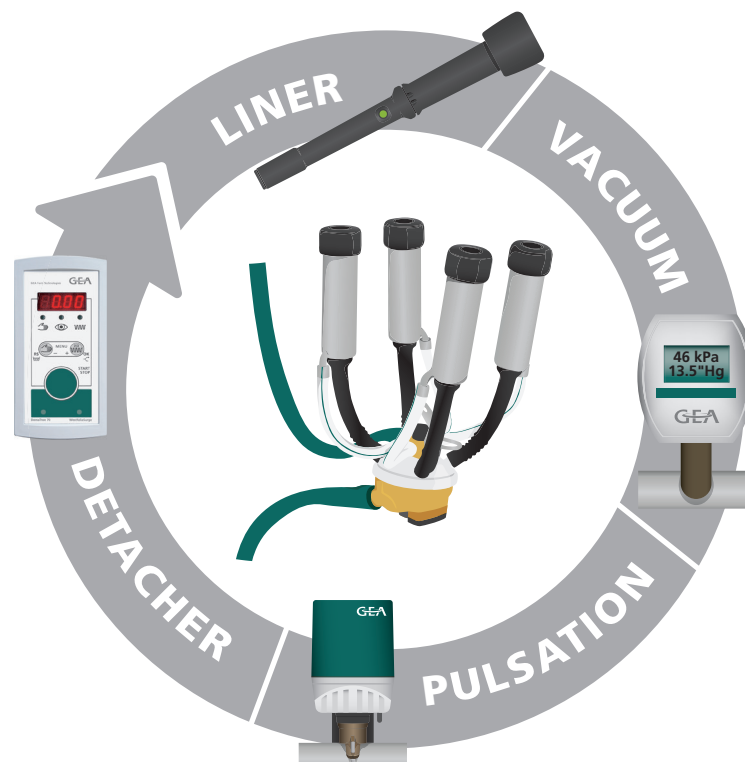
Understanding the interactive relationship between liner style, vacuum levels, pulsation and detacher settings - and balancing all of these factors for each individual farm - are key to achieving a maximum milking performance, day after day.

Liners are the only portion of the milking system that comes in direct contact with the cow's teat.

They should:

- Milk cows safely, gently, quickly and completely
- Fit a wide range of teat sizes and shapes
- Promote healthy teat tissue and teat ends

Look to your GEA liner team to help ensure your entire milking system is properly set up for the liner you're using to achieve a gentle, yet highly efficient milk harvest on your herd.



Superior milking performance with a superior liner life

GEA GQ liners promote gentle milk harvest with shorter unit on-times

The unique material properties and innovative engineering on GEA GQ liners provides excellent teat fit. Shorter unit on-times help you get cows in and out of the parlor faster for superior efficiency. The GEA GQ portfolio of liners is designed for your Classic 300/300E and IQ milking units and are compatible

with a variety of competitive units. Best of all, they are made to last — you can enjoy an exceptionally long service life between change intervals while maintaining superior milking performance.

Global GQ Silicone Liner

Anti-twist Technology — four equally spaced anti-twist ribs under the liner skirt perfectly mate with the GEA Global Anti-twist Shell to lock the liner in place.

Skirt Lock Barb — keeps the liner head fully seated on the shell and also prevents moisture and debris from entering the pulsation chamber.

Positive Alignment Feedback — triangles on liner rest in triangle recess on the GEA Global Anti-twist Shell for an easy visual queue that liners are installed correctly.

Dual Anti-twist Feature — a secondary locking feature prevents the liner from twisting inside the shell and compromising milking performance.

Innovative Vent Seat — designed for easy cleaning and superior vent retention.

UNIQUE GQ BARREL DESIGN

The GQ combines the best features of a round and square shaped liner into one barrel, for superior massage action and better teat-end condition. In addition, the unique taper design of the GQ barrel means it can optimally milk a wide range of teat sizes and shapes without sacrificing performance.



Global Anti-twist Composite Shells

The next generation in upgraded shell technology for the newest liners in the GEA liner portfolio are here. The extremely durable, fully composite Global Anti-twist Shells are designed to match precisely with the new Global GQ Silicone Liners.

These shells feature:

- Top and bottom locking features to prevent liner from twisting in the shell.
- Easy to see alignment triangles (that match with the Global GQ liners).
- Smooth surfaces and limited engraving helps prevent manure/soil build-up.
- Recessed ribs and flared bottom provides added grip when attaching and positioning the milking unit.

Shut-off Recesses — help reduce the amount of inlet air during attach.

Positioning Bumpers — ensures liners are optimally installed on the claw and the thickest portion of the short milk tube is aligned with the sharpest point of the claw for added durability.

LONG SERVICE LIFE —
the GQ silicone model can last up to 6,000 milkings with consistent milking results throughout its liner life.



GQ-R rubber liner

The iconic GQ barrel shape is available in a rubber material – providing a low slip rate and fast milk-out while being gentle on teat ends. The GQ-R is GEA's top-selling liner worldwide!

LONG SERVICE LIFE —
the GQ rubber model can
last up to 2,500 milkings -
much longer than
other traditional
rubber liners.

Unique Taper Design — properly milk a wide range of teat sizes and shapes without sacrificing performance. Unique collapse feature of the barrel design and shape promotes gentle milking.

Anti-twist Feature — prevents liner from twisting inside the shell and compromising milking performance.

Double Locking Ring — provides a maximum seal, preventing liquids and dirt from being pulled into the teat cup vacuum chamber.

Innovative Vent Seat — designed for easy cleaning and superior vent retention.

Durable Milk Tube — the thicker upper part of the milk tube reinforcement area gives maximum durability where the liner needs it most.

GQ-R Anti-twist Composite Shell

The GQ-R Anti-twist Shell features a castle-like design that mates with the Anti-twist technology under the skirt of the GQ-R rubber liner. This fully locks the liner in place, for optimal performance, milking after milking.

Additional benefits include:

- Ergonomic shell design for efficient unit attachment
- Exceptional shell durability
- Excellent liner shape retention in shell
- Smooth finish with minimal engravings to ease cleaning



SUCCESS STORIES



MATT REDMAN

Berlyn Acres—Milking 1,550 cows

"I switched to GEA GQ liners to speed up our milking times and improve teat-end health. I was able to decrease our unit on-time from 4.4 minutes to 3.5–3.6 minutes while milking around 95–96 pounds per cow. The durable, vented style has helped speed up our milking process and improve parlor throughput,

allowing us to add cows. Teat-end health has also improved—there's a lot less liner slippage and more even milking.

I would recommend the GQ liner to dairy farmers who want to improve their bottom line. Unless GEA comes out with a better liner, I'm sold on this liner."

"We have been milking with the new Global GQ liners and shells for the past few months on our double-12 parlor. Our milking staff likes this lightweight liner/shell combination and they like the ergonomic grip for a fast, efficient attachment. The Global GQ liners also have some unique locking technology.

We are not seeing liners twist in the shell and that helps to reassure us that milking is occurring properly use after use. Best of all, we have seen teat health improve over time with fewer blue teats and fewer liner slips."

JOAN ROBERTS

Valley Mead Dairy—Milking 900 cows

A Delicate Balancing Act: Optimal Cow Milking



Your GEA liner team is with you every step of the way to be sure your dairy has the right combination to milk cows safely, gently, quickly and completely without sacrifice.

Ask your GEA
dealer about shell
and liner trade-out
programs today!

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