

THE COMPLETE MILKING SOLUTION

surepulse™ inserts for *crisp pulsation™*

What SurePulse inserts do...

SurePulse Inserts increase the transition speed from milking phase to resting phase thereby extending both the milking phase and the rest phase.

How SurePulse inserts work...

- SurePulse inserts displace and remove air from the pulsation chamber – between the shell and the liner.
- The collapse direction of the liner is controlled by the insert which holds the base of the liner and controls the collapse direction.
- The rest phase in the milking cycle is extended, providing relief to the teat end and allowing for improved lymph and blood circulation.

SurePulse inserts slide between the liner and the steel shell.



How to install SurePulse inserts

NZX-1 and AZX-2 liners

- Pull the liners into the insert at any point and check the alignment marks on the liner are in the same direction.
- Pull the insert liner into shell – no alignment required.

TLC-A1 liners

- Align into slots and pull into shell using locators at the bottom of the insert.

Special notes

- 2P40 insert is designed only for NZX-1 and AZX-2 liners
- 3P33 inserts are designed only for TLCA-1W and TLCA-1N liners
- The function of the inserts may vary due to vacuum level changes and setting and various conditions in dairy installations.
- 2P40 and 3P33 SurePulse inserts are designed to fit Bullseye and Waikato stainless shells only.

Warning

These inserts are designed specifically for the listed Ultraliner range. The performance of the SurePulse insert cannot be guaranteed with liners other than the genuine listed Ultraliner products.

Liner alignment marks

The insert design features pinch-points to control the direction of collapse.

In effect this is a pre-collapse ensuring the liner collapses into the void space, not against the insert.



The shape at the base of the insert enables free flow ventilation so SurePulse inserts are easily fitted and function without risk.

Liner alignment marks

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