

milkrite | InterPuls

Small vents make a big difference

Mouthpiece Vented Triangular Liners



NEW Revolutionary milking solution

Introducing the air into the system at the mouthpiece of the liner reduces the damaging effects of the vacuum to;

- Reduced teat to teat contamination
- More efficient milk removal
- Exceptional cow comfort
- Improves teat condition
- Reduced slips and kick-offs
- Easier cluster removal



DAVIESWAY Est. 1911
IDEAS TO FARM. EVERYDAY.

Mouthpiece Vented Triangular Liners

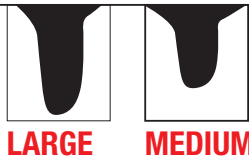
Product Range



IP 15 – IMPULSE AIR

Best suited to herds with predominately **Larger teats.**

- **Wide bore liner**
- **Recommended use:** 2500 milkings.
- **Liner Length:** 320 mm.
- **Claw Fitting:** 12-14 OD.
- **Claw Nipple:** Angled Cut



IMPACT RESISTANT PLASTIC WEIGHT



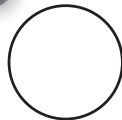
STAINLESS STEEL WEIGHT



IMPACT RESISTANT MOULDED TRIANGULAR SHELL TO FIT TRIANGULAR SHAPED LINER



IP 15 Impulse Air



ORIFICE SIZE: 22.5MM



IP 13
(for Harmony Claw)

TOTAL WEIGHT OF CLUSTER (NO CLAW)
– PLASTIC WEIGHT = 269g
– STAINLESS STEEL WEIGHT = 378g

IP 25 – IMPULSE AIR

Best suited to herds with predominately **Smaller teats.**

- **Narrow bore liner**
- **Recommended use:** 2500 milkings.
- **Liner Length:** 278.4 mm.
- **Claw Fitting:** 12-14 OD.
- **Claw Nipple:** Angled Cut



IMPACT RESISTANT PLASTIC WEIGHT



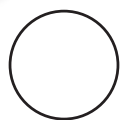
STAINLESS STEEL WEIGHT



IMPACT RESISTANT MOULDED TRIANGULAR SHELL TO FIT TRIANGULAR SHAPED LINER



IP 25 Impulse Air



ORIFICE SIZE: 21MM



IP 23
(for Harmony Claw)

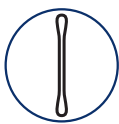
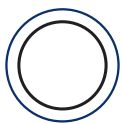
TOTAL WEIGHT OF CLUSTER (NO CLAW)
– PLASTIC WEIGHT = 195g
– STAINLESS STEEL WEIGHT = 169g

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Mouthpiece Vented Triangular Liners

Traditional – Milking Solution

- **Non Vented Round Liner**
- Guaranteed for 2500 milking's
- Stainless steel shells
- Can be fitted to a broad range of claws



Liner closes flat on 2-sides
of the teat during milking



Air enters through the air admission hole in Claw
“Turbulent airflow and Milk Reflux”

Innovative – Milking Technology

- **Mouthpiece Vented Triangular Liner**
- Guaranteed for 2500 milking's
- Industrial strength light weight plastic shells
- Triangular moulded shape inside shell
- Stainless steel weight or plastic light weight option
- Can be fitted to a broad range of claws



Gentle 3-sided massage
of the teat during milking

Air admission hole



Air enters through Vent in the Liner Mouthpiece
“Smooth efficient airflow eliminating Milk Reflux”

Non Vented – Round Liner V Mouthpiece Vented – Triangular Liner



▶ Red dye was added to milk through the small milk tube – view video demonstration at www.milkrite-interpuls.com

“Milk Reflux” causes teat to teat contamination

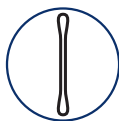
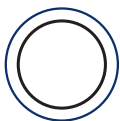


- **Non-Vented Setup** – Air enters the system through an air admission hole in claw below the milk
- When the liner opens and closes, pressure differences between liner mouthpiece and claw causes the milk to reflux back towards the teat end
- Cross contamination is caused by pathogens entering the bowl and spreading from teat to teat.

NO “Milk Reflux” = NO teat to teat contamination



- **Mouthpiece Vented Setup** – Air admission hole in claw is closed off
- Air enters the system through a calibrated air vent in the liner mouthpiece above the milk
- Smooth efficient airflow eliminates milk reflux and forces the milk in one direction away from teat end
- No Cross contamination = Less Mastitis & Lower SCC



Liner closes flat on 2-sides
of the teat during milking process



Gentle 3-sided massage
of the teat during milking process

Mouthpiece Vented Triangular Liners

VENTED LINER RANGE – AVAILABLE FROM DAVIESWAY



IP23 & IP13 LINER TO FIT HARMONY CLAW

MILKRITE REFERENCE	A (mm)	B (mm)	C (mm)	D (mm)
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NARROW BORE RANGE – VENTED LINERS

IP20-AIR	278.4	21.1	10	55.6
IP23-AIR	278.4	21.1	15	55.6
IP25-AIR	278.4	21.1	10.1	55.6

PLEASE NOTE – IP4 LM WB LINERS ARE STILL AVAILABLE

Products featured come in packs of 4

WIDE BORE RANGE – VENTED LINERS

IP10-AIR	312.3	22.5	9	57.9
IP10-01-AIR	287	22.5	9	58.5
IP12-AIR	302	22.5	8	58.5
IP13-AIR	303.5	22.5	12.5	58.5
IP15-AIR	320	22.5	10	58.5

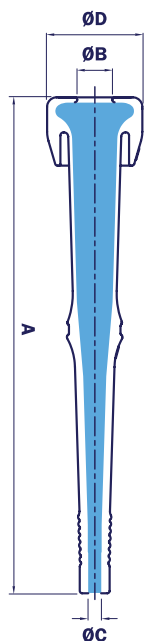
Products featured come in packs of 4

SPECIFICATIONS:

- A** Total Length
- B** Orifice Diameter
- C** Inside Milk Tube Diameter
- D** Hood Diameter



Conform to stringent BfR and RAL guidelines for materials in contact with milk.



MILKRITE REFERENCE	DESCRIPTION	
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CLAW TYPE

IP10 / IP20	Fits claws with 12-13mm OD nipples with SQUARE CUT	
IP10-01	Fits claws with 12-13mm OD nipples with SQUARE CUT . This is a shorter version to fit lower bagged cows	
IP12	Fits claws with 10-11mm OD nipples with ANGLED CUT	
IP13 / IP23	Fits HARMONY CLAW TYPES	
IP15 / IP25	Fits claws with 12-13mm OD nipples with ANGLED CUT	

milkrite | InterPuls

Stress free milking for you and your animals

Mouthpiece Vented Triangular Liners



Many of the worlds best dairies have already converted to Milkrite InterPuls liners. What makes this product so good is that it's an affordable solution for all farmers striving for improved milking performance and animal health.

FAST FACTS

- 40% of the USA Dairy farmers use Milkrite InterPuls liners... almost 4 million cows milked every day
- 5 of the worlds biggest Dairy farms use Milkrite InterPuls liners
- 180 farmers in Australian have installed Milkrite InterPuls liners with great results