

milkrite®

Product Guide



Company Profile



InterPuls Mission

To deliver added value to our customer with components for milking systems that are innovative, high quality and competitive in price.

Milkrite Goals

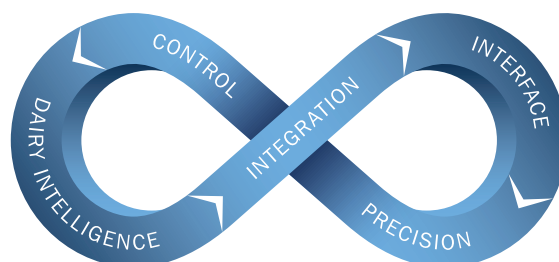
Our customers benefit from enhanced value through improved milking efficiency, better teat health and superior on farm performance.

Our goal is to permanently improve on farm milking conditions, through our products, support and advice

Leading the dairy industry together

In August 2015, Milkrite and InterPuls joined forces to become Milkrite | InterPuls.

Milkrite | InterPuls is the leading producer of milking point technology, providing complete teat to pipeline solutions for the Dairy sector. Milkrite | InterPuls has a long history in the heart of milking, manufacturing liners and tubing with the latest technology as well as high tech pulsation, measurement and milking control equipment, distributing in 80 countries worldwide.



milkrite | InterPuls

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impulseAir®

How does impulseAir® work?

The **impulseAir** system is a unique milking technology. We introduce the air behind the milk to efficiently move the milk away from the teat end.

Impulse Air liners reduce mouthpiece vacuum which results in much reduced teat congestion. So we allow the vacuum to do what it is meant to do - remove the milk - without damaging the teat.

Keeping teats dry during milking, with no splash back of milk, reduces the bacterial challenge.



IMPULSE TRIANGULAR COMBINATION

Impulse Air's vented triangular technology provides a more uniform closing action on the cow's teat end. This results in less hyperkeratosis.

The impact resistant shell has a triangular shaped interior to reduce the total air volume between the shell and the liner. This leads to a more responsive opening and closing of the liner, which optimises the milk and the rest phases of pulsation.

- Gentle massage on the teat
- Better grip to the teat
- Less liner movement giving gentle opening and closing phases
- Lighter weight clusters for less stress on the teat
- More uniform action on the cow's teat end results in less hyperkeratosis

PULSATION AND VACUUM CURVES THROUGH THE MILKING CYCLE - AT LOW FLOW

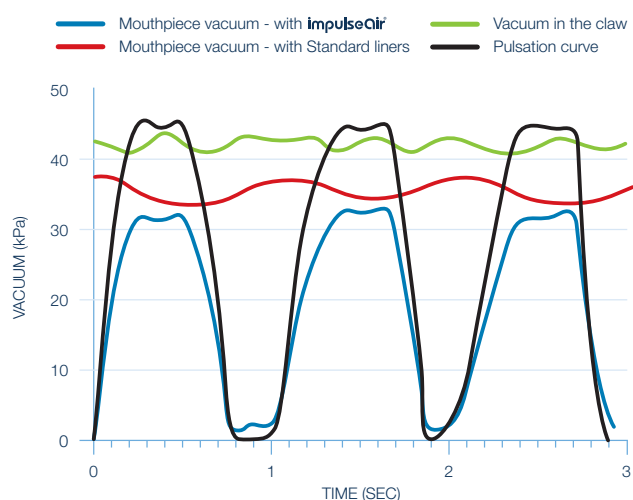


Chart shows reduced vacuum acting on the teat when using **impulseAir**.

Most damage occurs to the teat at low milkflow. The vented liner system reduces the vacuum forces on the teat throughout the milking cycle.

Triangular liners have the advantage that they will fit a much wider range than conventional liners - this is to do with the way they grip the teat. Even so - the Impulse Air range comes in two generic size types.

The IP10 range is designed for a wider teat range which is a feature of many European herds. The IP20 range is a narrow bore liner specifically designed for smaller and shorter teats and for easy milking cows with a high milk flow rate. Performance is significantly improved when we can make the liner more closely match the average teat size.

To learn more about the published documents and benefits of Impulse Air, please visit the reference section on our website at www.milkrite.com/milking-experts



impulseAir®

Product Range



MILKRITE REFERENCE	A (mm)	B (mm)	C (mm)	D (mm)
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IP10 Liner Range

IP10-AIR	312.5	22.5	9	57.9
IP10-01-AIR	287	22.5	9	58.5
IP11-AIR	287	20	13	58.5
IP12-AIR	302	22.5	8	58.5
IP13-AIR	303.5	22.5	12.5	58.5
IP14-AIR	152	22.5	N/A	58.5
IP15-AIR	320	22.5	10	58.5

Products featured come in packs of 4

IP20 Narrow Bore Liner Range

IP20-AIR	278.5	21.1	10	55.6
IP23-AIR	278.5	21.1	15	55.6
IP24-AIR	137.5	21.1	N/A	55.6
IP25-AIR	278.5	21.1	10.1	55.6

THE IP20 RANGE IS ONLY AVAILABLE WITH MOUTHPIECE VENT.

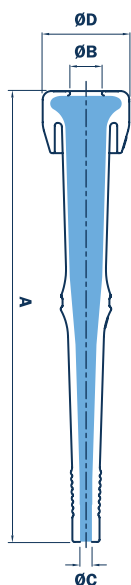
Impulse Air liners can only be used in conjunction with Impulse shells and weights.

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 Types

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	
IP11	Fits claws with 14-16mm OD nipples with square cut. This is a smaller orifice version at shorter length for smaller teated and lower bagged cows	
IP12	Fits claws with 10-11mm OD nipples with angled cut	
IP13 / IP23	Fits Harmony type claws	
IP14 / IP24	Short liner - comes with a sight glass. Can fit any claw - just choose the right short milk tube	ALL TYPES
IP15 / IP25	Fits claws with 12-13mm OD nipples with angled cut	

See Impulse Air in action at www.milkrite.com



impulse®

Product Range



The **impulse®** assembly system combines a revolutionary shell design with an anti-twist, interlocking triangular liner. This system delivers enhanced performance through minimal air evacuation.

- Improved milking efficiency
- Gentler milking action
- Longer milk and rest phases
- Reduced teat stress



IMPULSE TRIANGULAR COMBINATION

REDUCES AIR VOLUME FOR MORE RESPONSIVE OPENING AND CLOSING OF LINER

MILKRITE REFERENCE	A (mm)	B (mm)	C (mm)	D (mm)
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IP10 Liner Range - Non Vented

IP10	312.5	22.5	9	57.9
IP10-01	287	22.5	9	58.5
IP11	287	20	13	58.5
IP12	302	22.5	8	58.5
IP13	303.5	22.5	12.5	58.5
IP14	152	22.5	N/A	58.5
IP15	320	22.5	10	58.5

IP10 Silicone Liner Range

IPS10	161.5	22.5	N/A	58.5
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Products featured come in packs of 4.

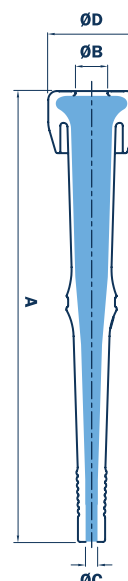
Impulse liners can only be used in conjunction with Impulse shells and weights.

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.





cluster
exchange service

Product Range

A simple, no hassle change process saving you time and money

We supply the complete
clusters assembled ready to go:

LINERS:	Impulse Air or Impulse
PULSE TUBES:	7mm x 14mm x 200mm
SHELL WEIGHT OPTIONS:	Steel or Plastic
CLAW OPTIONS:	Impulse Claw 300 or Orbiter HD With or without shut-off With or without ACR Brackets Cluster Flush Fittings Variety of Parking Brackets

- Easy liner change
- We manage the process for you
- Hygienically cleaned parts
- No more costs of claw maintenance
- We tailor the cluster to your system
- Trained technicians make sure all your parlour conditions are operating at their peak



It's So Simple

ultraliner[®]

Product Range



PARLOUR MANUFACTURER REFERENCE	MILKRITE REFERENCE	A (mm)	B (mm)	C (mm)	D (mm)
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Boumatic Compatible

DK1X	BM1XU	300.5	23	10.6	22.2
DK1X*	BM1XUV*	300.5	23	10.6	22.2
R1EX	BMEXU	266	20.5	10.6	21.8
R1EX*	BMEXUV*	266	20.5	10.6	21.8
DKFM	BMFMU	308	24.3	11	22.3
Flex 50	BM50F	301	25.1	10.6	23

*V= with milk tube venting

Dairymaster Compatible

916	DM916U	310	22.25	7	27
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Delaval Compatible

960000-01	DL000U	295	24	8	24.6
960001-01	DL001U	308	26.8	8	24
999007-03	DL007U	310.5	20	12.5	23
999007-01	DL007U-01	340	20	12.5	23.3
964008-01	DL008U	305	22	12.6	23
999009-01	DL009U	310	20	12.5	21.8
960016-01	DL016U	293	23.6	8	25
960016-01	DL016U-01	293	23.6	8	25
960017-02	DL017U	302.5	23.6	8	25.4
960017-01	DL017U-01	302.5	27	8	25.4
960036-01	DL036U	294.5	23.9	12.6	25
960037-02	DL037U	302.5	24	12.2	25.6
960037-01	DL037U-01	302.5	27	12.2	25.6
928178-01	DL178U	288	21	8	22.4
928179-01	DL179U	295	23	8.5	23.7
999295-01	DL295U	313	24	8	25.2
964007-01	DL4007U	310	20	12.8	22.3
999008-01	DL9008U	337	21.5	12.4	23

Fullwood Compatible

20114	FW14U	320	20.75	8.25	23.3
20215	FW15U	327	25	10	24.5
20122	FW22U	164.5	22.2	N/A	25.2
20227	FW27U	327	22.2	8.25	24.8
20137	FW37U	313	22.5	8.4	26.4
20138	FW38U	313	22.5	10	26.4
20146	FW46U	301.5	20.8	8.25	21.5
20167	FW67U	304	22.8	8.3	22.3
20168	FW68U	303	22.5	10	21.6
20169	FW69U	303	20.8	10	21.5
20198	FW98U	303	20.75	12	21.5

PARLOUR MANUFACTURER REFERENCE	MILKRITE REFERENCE	A (mm)	B (mm)	C (mm)	D (mm)
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Gascoigne Compatible

MK2H	GM2U	311	26.4	8	25
381416	GM16U	310	24	8	24.7
381922	GM22U	317.5	22.9	10	24.8
381974	GM74U	315.5	20	8.6	23.5
381975	GM75U	315	23	8	26.4
381985	GM85U	325	24	10	24.75
381986	GM86U	319	21	10	22.5
381988	GM88U	319	24	10	23.2
381989	GM89U	320	22	11	21.6
381991	GM91U	319	23	10	26
381993	GM93U	309	26.5	10	25
381995	GM95U	325	24	10	24.75
381999	GM99U	320	20	10	21.8

Meltec Compatible

7720-0068-278	MEL278U	179	23.7	N/A	26
7720-1384-450	MEL450U	180	21.6	N/A	26

Manus Compatible

901031-01	MS031U	310.5	23	10.2	23.8
958123-01	MS123U	293.5	23.8	8	27.8
901163-01	MS163U	316	23	9	26.5
901197-01	MS197U	315	23.2	10.5	26.2
955390-01	MS390U	300	23.5	9	24.6
955507-01	MS507U	300	24	9	25
955875-01	MS875U	310	22.7	9	23.5
955897-01	MS897U	308	23.7	9.5	24.6

SAC Compatible

25215007	SAC007U	278	19.7	7.7	23.8
25215010	SAC010U	300	22.2	14	22.7
25215012	SAC012U	300	19.7	14	22.7
25215020	SAC020U	304.5	20.5	14	23.2
25215022	SAC022U	304.5	22	14	22.7

Buffalo Compatible

Original Milkrite Part	BUFFALO	A	B	C	D
		315	22.4	24	9.8

Products featured come in packs of 4

You will find more technical information about the Ultraliner range on the product datasheets.



ultraliner®

Product Range

PARLOUR MANUFACTURER REFERENCE	MILKRITE REFERENCE	A (mm)	B (mm)	C (mm)	D (mm)
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Gea Compatible

10025	WS025U	279.5	21.5	10.2	21
10029	WS029U	289	22	10	21.6
10067	WS067U	305	23.2	10.2	24.45
7021-2725-110	WS110U	173	22.75	N/A	23.6
7023-2725-120	WS120U	156	22.5	N/A	25
7022-2725-150	WS150U	181	25	N/A	25.4
7022-2725-180	WS180U	181	24.75	N/A	26.1
7021-2725-220	WS220U	173	22.6	N/A	25.4
7021-2725-230	WS230U	173	22.6	N/A	25.4
7021-2725-240	WS240U	334.5	23	9	25.2
7021-2725-270 7021-2725-370	WS270U	326	21.75	10	23.37
N/A	WS270U-01	159	21.75	N/A	23.4
7023-2725-110	WS3-110U	165.5	25	N/A	25.57
7023-2725-100	WS3-100U	157.5	23	N/A	26.2

Products featured come in packs of 4

ultraliner® TLC

Triangular Liners

PARLOUR MANUFACTURER REFERENCE	MILKRITE REFERENCE	A (mm)	B (mm)	C (mm)	D (mm)
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Delaval Compatible

960016-01	TLC-A2	292.5	22.2	10	N/A
960036-01	TLC-A3	295.5	21	11	N/A
999009-01	TLC-A5	305.5	21	11	N/A
999007-03	TLC-A6	310.5	20	12.5	N/A

Fullwood Compatible

20138	TLC-FW1	313	22.5	10	N/A
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Gascoigne Compatible

381986	TLC-GM1	319	21	10	N/A
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Gea Compatible

7021-2725-220	TLC-W2	161.5	22.48	N/A	N/A
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Boumatic Compatible

DK1X, MAGNUM AND FLEX	TLC-BX1	300	23	10.6	N/A
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Strangko Compatible

SH3426010	TLC-ST1	282.5	22.2	10	N/A
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Products featured come in packs of 4.

Ultraliner TLC Liners can only be used in conjunction with the original shells

PARLOUR MANUFACTURER REFERENCE	MILKRITE REFERENCE	A (mm)	B (mm)	C (mm)	D (mm)
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Goat Liners

D381997	GGM97U	220	22	10	20.8
988513-01	GDL513U	153	20.8	N/A	20.4
7036-2725-110	GWS110U	300	22	9	20

Products featured come in packs of 2

Milkrite Impulse Air Goat Liner

203546-01	IP29-AIR	191.5	21.08	26.29	N/A
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The IP29 liner has a feature to help with easy installation. Simply assemble the liner into the shell first and then cut the liner at the marked place. Then simply push the automatic valve or elbow into the remaining milk tube tail. For more information about the Milkrite Impulse Air Goat Range, please contact your dealer or your regional Milkrite Sales Manager.

Goat Diaphragms

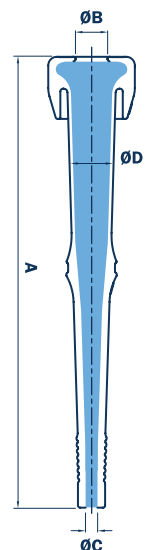
MILKRITE REFERENCE	ALTERNATIVE FOR
M08AV003XZ	989917-80 / 989917-82

Products featured come in packs of 10



SPECIFICATIONS:

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



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



ultraclean®

Dual layer tubing that gives the benefits of longer life and hygienic properties associated with silicone, but with the robustness and value of black tubing



The inner white layer of a special thermoplastic vulcanizate (TPV) rubber has **superb hygienic properties** and is resistant to butterfat and acids. Butterfat cannot pass through this layer, so the tube stays clean.

The black rubber outer provides high **durability** and **flexibility** and resists ozone cracking commonly seen in dairy tubes.

HI-TECH MANUFACTURING

- Helps maintain milk quality
- Resists the butterfats in the milk
- Resists cracking
- Long lasting



Conforms to the Commission Regulation (EU)
No 10/2011 on plastic materials and articles
intended to come into contact with food



Coil Tubing

Ultraclean, Standard and Silicone

MILKRITE REFERENCE	DIMENSION (mm)	LENGTH (m)
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Ultraclean Milk

M14AV007UZ	10 x 21	20
M14AV001UZ	13.5 x 23.8	20
M14AV002UZ	14.5 x 25.5	20
M14AV003UZ	15.5 x 27	20
M14AV004UZ	16 x 28	20

Ultraclean Transfer

M14AV005UZ	19 x 31.8	20
M14AV006UZ	24 X 40	10

MILKRITE REFERENCE	DIMENSION (mm)	LENGTH (m)
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Standard Black Air

SINGLE PULSE		
M14AV018CZ	6 x 13	20
M14AV002CZ	7 x 14	20
M14AV001CZ	8 x 16	20
M14AV011CZ	9.1 x 18	20
M14AV012CZ	9.5 x 18	20
M14AV020CZ	10 x 19	20
TWIN PULSE		
M14AV003CZ	7 x 14	20
M14AV004CZ	8 x 16	20

Standard Black Milk

M14AV014CZ	8 x 16	20
M14AV005CZ	13.5 x 23.8	20
M14AV006CZ	13.5 x 24.7	20
M14AV007CZ	14.5 x 25.5	20
M14AV008CZ	15.5 x 27	20
M14AV009CZ	16 x 27	20

Standard Black Transfer

M14AV010CZ	19 x 31.8	20
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Standard Black Lengths

M14AV013CZ	20.5 x 35	10
M14AV015CZ	22 x 35	10

Our black tubing conforms to the very strict BfR/RAL standards for materials in contact with milk



ULTRACLEAN

MILKRITE REFERENCE	DIMENSION (mm)	LENGTH (m)	COLOUR
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Silicone Air

SINGLE PULSE			
M14AV001EZ	7 x 14	20	CLEAR
M14AV002EZ	8 x 16	20	CLEAR
TWIN PULSE			
M14AV003EZ	7 x 14	20	BLUE
M14AV004EZ	8 x 16	20	BLUE

Silicone Milk

M14AV005EZ	14 x 24	20	BLUE
M14AV006EZ	15 x 27	20	BLUE
M14AV007EZ	16 x 27	20	BLUE
M14AV009EZ	6 x 13	20	CLEAR
M14AV010EZ	10 x 21	20	CLEAR

Silicone Transfer

M14AV008EZ	19 x 31.8	20	BLUE
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Our silicone tubing is fully compliant with the RAL knife and fork standard, for materials in contact with milk.



Short Milk Tubes

Product Range

MILKRITE REFERENCE	INTERNAL DIAMETER (mm)	EXTERNAL DIAMETER (mm)	CUT LENGTH (mm)
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Short Air Tubes - Moulded Air Tubes

M12AV017XZ	4.8	10.8	203
M12AV018XZ	6.4	12.4	165
M12AV019XZ	6.4	12.4	190
M12AV020XZ	6.4	12.4	229
M12AV021XZ	7.1	14	190
M12AV022XZ	7.1	14	229

Products sold in packs of 20

Short Air Tubes - Extruded Air Tubes

M14AV029XZ	7	14	155
M12AV024XZ	7	14	180
M12AV025XZ	7	14	200
M12AV027XZ	7	14	228
M12AV028XZ	7	14	267

Products sold in packs of 20



- A wide variety of sizes to fit all applications
- High quality and consistency from the original manufacturer
- Available as extruded or moulded versions



Short Air Tubes

Product Range

PARLOUR MANUFACTURER REFERENCE	MILKRITE REFERENCE	A (mm)	B (mm)	C (mm)	D (mm)
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Short Milk Tubes - Gea Compatible

7027-2637-080 / 7021-7101-000	SMT080WS001	140	18	8.5	10
7027-2637-090 / 7021-7101-010	SMT090WS002	180	20	8.5	10
7027-2637-100 / 7021-7101-020	SMT100WS003	140	18	10.25	10.25
7027-2637-110 / 7021-7101-090	SMT110WS004	180	18	10	10
7027-2637-120 / 7021-7101-040	SMT120WS005	130	21	10	11.5
7027-2637-140 / 7027-7101-050	SMT140WS006	160	21	10	11.5
7027-2637-190 / 7021-7101-030	SMT190WS007	160	18	10	10

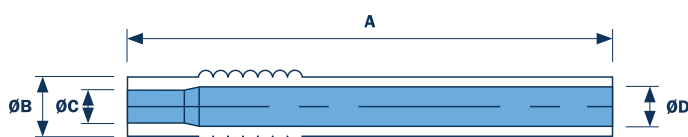
References SMT120WS005 and SMT140WS006 to suit the square cut claw nipple
Products sold in packs of 20

PARLOUR MANUFACTURER REFERENCE	MILKRITE REFERENCE	A (mm)	B (mm)	C (mm)	D (mm)
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Short Milk Tubes - Fullwood Compatible

22010	SMT010FW001	150	16.5	8.7	8.7
22013	SMT013FW002	155	20.2	11.2	11.2

Products sold in packs of 20



PARLOUR MANUFACTURER REFERENCE	MILKRITE REFERENCE	A (mm)	B (mm)	C (mm)	D (mm)
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Shaped Milk Tubes - Ultraclean

998382-01	M04DL005UZ	15.5	27.5	800	80
967458-02	M04DL006UZ	20	32.5	500	97

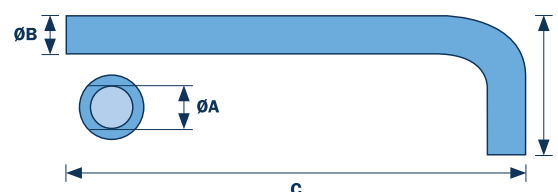
Products are sold singularly

Shaped Milk Tubes - Standard Black

969474-01	M04DL001XZ	13.5	24.7	800	80
999588-01	M04DL002XZ	13.5	24.7	1180	70
967458-02	M04DL004XZ	20	34.5	500	97
998382-01	M04DL003XZ	16	26.9	800	80

Products are sold singularly

- A wide variety of sizes to fit all applications
- High quality and consistency from the original manufacturer
- Materials to the latest food standards



impulseclaw® 300



Product Range

MILKRITE REFERENCE	VENTED	ANG/STR	PULSATION	BACKFLUSH
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Gea Bracket

WITH SHUT-OFF				
IPCLAW035	NO	ANGLED	SIDE TO SIDE	NO
IPCLAW043	NO	STRAIGHT	SIDE TO SIDE	NO
IPCLAW226	YES	ANGLED	SIDE TO SIDE	NO
IPCLAW230	YES	STRAIGHT	SIDE TO SIDE	NO
WITHOUT SHUT-OFF				
IPCLAW034	NO	ANGLED	FRONT TO BACK	NO
IPCLAW036	NO	ANGLED	SIDE TO SIDE	NO
IPCLAW038	NO	ANGLED	FRONT TO BACK	YES
IPCLAW040	NO	ANGLED	SIDE TO SIDE	YES
IPCLAW044	NO	STRAIGHT	SIDE TO SIDE	NO
IPCLAW048	NO	STRAIGHT	SIDE TO SIDE	YES
IPCLAW225	YES	ANGLED	FRONT TO BACK	NO
IPCLAW227	YES	ANGLED	SIDE TO SIDE	NO
IPCLAW228	YES	ANGLED	FRONT TO BACK	YES
IPCLAW229	YES	ANGLED	SIDE TO SIDE	YES
IPCLAW231	YES	STRAIGHT	SIDE TO SIDE	NO
IPCLAW232	YES	STRAIGHT	SIDE TO SIDE	YES

MILKRITE REFERENCE	VENTED	ANG/STR	PULSATION	BACKFLUSH
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InterPuls Bracket

WITH SHUT-OFF				
IPCLAW067	NO	ANGLED	SIDE TO SIDE	NO
IPCLAW075	NO	STRAIGHT	SIDE TO SIDE	NO
IPCLAW234	YES	ANGLED	SIDE TO SIDE	NO
IPCLAW238	YES	STRAIGHT	SIDE TO SIDE	NO
WITHOUT SHUT-OFF				
IPCLAW066	NO	ANGLED	FRONT TO BACK	NO
IPCLAW068	NO	ANGLED	SIDE TO SIDE	NO
IPCLAW070	NO	ANGLED	FRONT TO BACK	YES
IPCLAW072	NO	ANGLED	SIDE TO SIDE	YES
IPCLAW076	NO	STRAIGHT	SIDE TO SIDE	NO
IPCLAW080	NO	STRAIGHT	SIDE TO SIDE	YES
IPCLAW233	YES	ANGLED	FRONT TO BACK	NO
IPCLAW235	YES	ANGLED	SIDE TO SIDE	NO
IPCLAW236	YES	ANGLED	FRONT TO BACK	YES
IPCLAW237	YES	ANGLED	SIDE TO SIDE	YES
IPCLAW239	YES	STRAIGHT	SIDE TO SIDE	NO
IPCLAW240	YES	STRAIGHT	SIDE TO SIDE	YES

MILKRITE REFERENCE	VENTED	ANG/STR	PULSATION	BACKFLUSH
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Fullwood Bracket

WITH SHUT-OFF				
IPCLAW099	NO	ANGLED	SIDE TO SIDE	NO
IPCLAW107	NO	STRAIGHT	SIDE TO SIDE	NO
IPCLAW242	YES	ANGLED	SIDE TO SIDE	NO
IPCLAW246	YES	STRAIGHT	SIDE TO SIDE	NO
WITHOUT SHUT-OFF				
IPCLAW098	NO	ANGLED	FRONT TO BACK	NO
IPCLAW100	NO	ANGLED	SIDE TO SIDE	NO
IPCLAW102	NO	ANGLED	FRONT TO BACK	YES
IPCLAW104	NO	ANGLED	SIDE TO SIDE	YES
IPCLAW108	NO	STRAIGHT	SIDE TO SIDE	NO
IPCLAW112	NO	STRAIGHT	SIDE TO SIDE	YES
IPCLAW241	YES	ANGLED	FRONT TO BACK	NO
IPCLAW243	YES	ANGLED	SIDE TO SIDE	NO
IPCLAW244	YES	ANGLED	FRONT TO BACK	YES
IPCLAW245	YES	ANGLED	SIDE TO SIDE	YES
IPCLAW247	YES	STRAIGHT	SIDE TO SIDE	NO
IPCLAW248	YES	STRAIGHT	SIDE TO SIDE	YES

MILKRITE REFERENCE	VENTED	ANG/STR	PULSATION	BACKFLUSH
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Gascoigne Melotte Bracket

WITH SHUT-OFF				
IPCLAW131	NO	ANGLED	SIDE TO SIDE	NO
IPCLAW139	NO	STRAIGHT	SIDE TO SIDE	NO
IPCLAW250	YES	ANGLED	SIDE TO SIDE	NO
IPCLAW254	YES	STRAIGHT	SIDE TO SIDE	NO
WITHOUT SHUT-OFF				
IPCLAW130	NO	ANGLED	FRONT TO BACK	NO
IPCLAW132	NO	ANGLED	SIDE TO SIDE	NO
IPCLAW134	NO	ANGLED	FRONT TO BACK	YES
IPCLAW136	NO	ANGLED	SIDE TO SIDE	YES
IPCLAW140	NO	STRAIGHT	SIDE TO SIDE	NO
IPCLAW144	NO	STRAIGHT	SIDE TO SIDE	YES
IPCLAW249	YES	ANGLED	FRONT TO BACK	NO
IPCLAW251	YES	ANGLED	SIDE TO SIDE	NO
IPCLAW252	YES	ANGLED	FRONT TO BACK	YES
IPCLAW253	YES	ANGLED	SIDE TO SIDE	YES
IPCLAW255	YES	STRAIGHT	SIDE TO SIDE	NO
IPCLAW256	YES	STRAIGHT	SIDE TO SIDE	YES

All claw configurations are made to order

All claw configurations have 13mm milk nipples at a 45 degree angle and have the capacity to hold 300cc

All claw configurations include either a GEA, Fullwood, InterPuls or Gascoigne Melotte compatible bracket with an ACR attachment

Please speak to your dealer or regional sales manager to ensure you have the right claw configuration.



impulseclaw® 300

- Lightweight
- Ergonomic and unique design making it easy to hold
- The Radel® material makes the claw highly impact resistant
- Ideally spaced nipples for optimum cluster position and balance
- 360° Milk flow visibility

MILKRITE REFERENCE	DESCRIPTION
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impulseclaw® 300 Spare Parts

203171-01	LID - 13MM - ANGLE CUT - BENT TIP - NON VENTED
203490-01	LID - 13MM - ANGLE CUT - BENT TIP - VENTED
203172-01	LID - 13MM - STRAIGHT CUT - NON VENTED
203492-01	LID - 13MM - STRAIGHT CUT - VENTED
203175-01	BOWL WITHOUT SHUT OFF
203176-01	BOWL WITH SHUT OFF
203180-01	COACH BOLT - M6 X 120MM
203181-01	HEX BOLT - M6 X 120MM
203182-01	CLAMP NUT
203183-01	BUMP STOP
203184-01	MANIFOLD- FRONT TO BACK
203185-01	MANIFOLD- SIDE TO SIDE
203186-01	CLAMP PLATE
203187-01	CLAMP PLATE - BACK FLUSH
201406-01	SHUT OFF CAP 1530016
201407-01	SHUT OFF SPIGOT 2030038
203188-01	VALVE LOCK
203189-01	ACR BRACKET GEA
203299-01	ACR BRACKET GASCOIGNE MELOTTE
203298-01	ACR BRACKET INTERPULS
203297-01	ACR BRACKET FULLWOOD
203244-01	SEALS SERVICE KIT

Products are sold singularly



Claws

Orbiter HD Product Range

MILKRITE REFERENCE	MILK NIPPLE			WEIGHT	CAPACITY	VENT
	OD	ANG/STR	ANG			

Claw with Shut-Off

M20AV123XZ	13MM	STRAIGHT	30°	600G	350 cm ³	VENTED
M20AV127XZ	13MM	STRAIGHT	30°	600G	350 cm ³	NON VENTED

Claw without Shut Off

M20AV130XZ	13MM	STRAIGHT	30°	600G	350 cm ³	VENTED
M20AV134XZ	13MM	STRAIGHT	30°	600G	350 cm ³	NON VENTED

All the claw configurations above include a InterPuls compatible bracket. All other compatible brackets are available on request













- Ergonomic design for easy handling. the bowl fits nicely into the palm of the hand
- 350cc or 250cc capacity clear bowl, helps maintain vacuum stability

- Robust plastic bowl to resist any damage in the parlour

Claws

Orbiter HD Spare Parts



LOWER BOWL COVER WITH SHUT-OFF M20AV016SP		PLASTIC STEM COVER M20AV122SP		SHUT-OFF SPIGOT M20AV025SP	
LOWER BOWL COVER WITHOUT SHUT-OFF M20AV017SP		BOWL OUTER SEAL M20AV023SP		SHUT-OFF CAP M20AV026SP	
ACR BRACKET M20AV119SP		INNER CENTRE SEAL M20AV024SP		CENTRE FIXING KNOB M20AV117SP	
PARALLEL VACUUM BLOCK M20AV021SP					

■ Minimal edges, reduces sites for dirt and bacteria growth, and makes washing more efficient

■ Comes with a variety of bracket types - including standard parking and acr brackets, with cluster flush connections.

Accessories

Stainless Steel Wash Systems

MILKRITE REFERENCE	DESCRIPTION
Wall Mounted	
M06AV058XZ	IMPULSE WASH SYSTEM - COMPLETE WITH IPJC4 WASH CUP FOR IP20 VENTED NARROWBORE LINER RANGE
M06AV044XZ	IMPULSE WASH SYSTEM - COMPLETE WITH M06AV039XZ WASH CUP FOR FOR IP10 AND IP10 VENTED LINER RANGE
M06AV026XZ	COMPLETE WASH SYSTEM WITH MEDIUM WASH CUPS (MAX 65.9MM)
M06AV027XZ	COMPLETE WASH SYSTEM WITH SMALL WASH CUPS (MAX 57.24MM)

Pipe Mounted

M06AV057XZ	IMPULSE WASH SYSTEM - COMPLETE WITH IPJC4 WASH CUP FOR IP20 VENTED NARROWBORE LINER RANGE
M06AV045XZ	IMPULSE WASH SYSTEM - COMPLETE WITH M06AV039XZ WASH CUP FOR FOR IP10 AND IP10 VENTED LINER RANGE
M06AV029XZ	COMPLETE WASH SYSTEM WITH MEDIUM WASH CUPS (MAX 65.9MM)
M06AV030XZ	COMPLETE WASH SYSTEM WITH SMALL WASH CUPS (MAX 57.24MM)

All wash systems include the tray, the wash cups, the wash stems and the fittings. Wash systems do not come assembled.



- High quality stainless steel trays suitable for even the most demanding parlour conditions
- A wide choice of jetter cup sizes to suit most clusters
- The assembly is easily installed and is available with a wide variety of stainless steel fixings
- Stainless steel candles, so no more breakages or snap-offs

Accessories

Wash Systems Spare Parts

MILKRITE REFERENCE	COMPATIBLE WITH	DESCRIPTION
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Wash Cups (To fit jetter trays)

Milkrite Impulse Wash Cups

M06AV050XZ	MILKRITE IMPULSE NARROW BORE	IPJC3 - IMPULSE WASH CUP FOR GEA WASHTRAY CONVERSIONS
M06AV051XZ	MILKRITE IMPULSE NARROW BORE	IPJC4 - IMPULSE WASH CUP FOR DELAVAL ROSEBUD / CANDLESTICK WASHTRAY CONVERSIONS
M06AV039XZ	MILKRITE IMPULSE & DELAVAL	SMALL - FITS IMPULSE IP10 VENTED AND NON VENTED LINERS
M06AV041XZ	MILKRITE IMPULSE, DELAVAL AND FULLWOOD	SMALL - FITS IMPULSE IP10 VENTED AND NON VENTED LINERS
IPJC5	MILKRITE IMPULSE	FOR LAUREN WASHTRAYS
IPJC6	MILKRITE IMPULSE	FOR WAIKATO WASHTRAYS
IPJC7	MILKRITE IMPULSE NARROW BORE	FOR WAIKATO WASHTRAYS

Other Wash Cups

ULJC1	MILKRITE WASH SYSTEM	LARGE INSIDE DIAMETER (MAX. 65.9 MM)
M06AV018XZ	MILKRITE WASH SYSTEM	SMALL INSIDE DIAMETER (MAX. 57.24 MM)
M06AV005XZ	DELAVAL	7310 - STANDARD SIZE
M06AV006XZ	DELAVAL	7311 - LARGE ULTRA SIZE
M06AV007XZ	DELAVAL	7312 - SMALL SIZE
M06AV008XZ	GERMANIA / DELAVAL	7316 - FLAT TOP DESIGN (NO STEM) - 38MM

Jetter Cups (Do not require a jetter tray)

M06AV043XZ	MILKRITE IMPULSE	IPJC2 - IMPULSE JETTER CUP FOR BOUMATIC WASH TRAY CONVERSIONS
M06AV001XZ	SURGE	7330 - OPEN CUP DESIGN
M06AV002XZ	BOUMATIC	7340 - FLAT TOP DESIGN - 40MM
M06AV003XZ	DELAVAL	7350 - FLAT TOP DESIGN - 35MM
M06AV004XZ	OTHERS (FITS STRECH LINERS)	7360 - FLAT TOP DESIGN - 38MM
M06AV009XZ	BOUMATIC	7322 - OPEN CUP DESIGN - 57MM - (GROOVE FOR TEE ASSEMBLY)

Conversion kits and components for Impulse IP20-Air narrow bore liner range

MILKRITE REFERENCE	DESCRIPTION
M06AV059XZ	CONVERSION KIT FOR DELAVAL WASHTRAYS (4 X WASHCUPS IPJC4, 4 X WASH STEMS, 2 X T-PIECES, 1 X VENTED DUCKBILL)
M06AV061XZ	CONVERSION KIT FOR GEA/WSURGE (NEW STYLE) WASHTRAYS (4 X WASHCUPS IPJC3, 2 X T-PIECES, 1 X VENTED DUCKBILL)
M06AV053XZ	7370-MV - VENTED DUCK BILL DRAIN VALVE
M06AV054XZ	TP34 - T PIECE LARGE, 3/4" (19MM)
M06AV055XZ	TP58 - T PIECE SMALL, 5/8" (16MM)

Other Components

MILKRITE REFERENCE	DESCRIPTION
M06AV037XZ	WASH STEM - DELAVAL REPLACEMENT - STEM AND CONNECTOR
M06AV022XZ	CLAMP PLATE FOR PIPE FIXING SST
M06AV023XZ	WALL BOLTS ST.STEEL
M06AV036XZ	JETTER TRAY ON ITS OWN - PIPE MOUNTED
M06AV035XZ	JETTER TRAY ON ITS OWN - WALL MOUNTED
M06AV019XZ	JETTER DISTRIBUTOR
M06AV046XZ	JETTER DISTRIBUTOR VENTED
200249-01	DUCK BILL DRAIN VALVE - NON VENTED

Products are sold singularly

ULJC1



M06AV039XZ



M06AV001XZ



M06AV053XZ



M06AV037XZ



Accessories

Impulse and Impulse Air Range

MILKRITE REFERENCE	DESCRIPTION
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impulseAir® Shells and Weights

203296-01	IP10-AIR RANGE SHELL
203294-01	IP10-AIR RANGE PLASTIC WEIGHT
203295-01	IP10-AIR RANGE STAINLESS STEEL WEIGHT
M10AV060XZ	IP20-AIR RANGE SHELL
M10AV062XZ	IP20-AIR RANGE PLASTIC WEIGHT
M10AV061XZ	IP20-AIR RANGE STAINLESS STEEL WEIGHT



- Lightweight to reduce stress on the cow - and the herdsman
- Designed to take variable weight rings so that you can tailor the weight of your cluster

MILKRITE REFERENCE	DESCRIPTION
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impulse® Shells and Weights

M10AV005XZ	IP10 SHELLBODY
M10AV013XZ	IP10 RANGE PLASTIC WEIGHT
M10AV006XZ	IP10 RANGE STAINLESS STEEL WEIGHT

All Impulse and Impulse Air shells and weights are sold singularly



- Triangular inner profile to reduce the air space between the triangular liner and the shell. this makes the liner more responsive to the pulsation signals
- Anti-twist mechanism to keep the liner correctly positioned

MILKRITE REFERENCE	DESCRIPTION	QUANTITY
M08AV004XZ	SIGHTGLASS/CONNECTOR FOR SHORT LINERS	SINGLE
M08AV005XZ	SHORT LINER ASSEMBLING TOOL	SINGLE
M08AV017XZ	PULSATION RESTRICTORS	PACK OF 100



Accessories

Stainless Steel Shells

MILKRITE REFERENCE	ALTERNATIVE FOR	LENGTH OF SHELL	LOCK RING INSIDE DIAMETER	HOOD OUTSIDE DIAMETER	OUTSIDE DIAMETER FOR PULSE TUBE	WEIGHT
M10AV007XZ	DELAVAL - SHORT & HEAVY	140	20	45	10	265 g
M10AV008XZ	DELAVAL - HARMONY TYPE	148	22.3	44	10	230 g
M10AV009XZ	DELAVAL - SHORT & LIGHT	140	20	45	10	200 g
M10AV010XZ	BOUMATIC	140	19	50.8	8	180 g
M10AV011XZ	GASCOIGNE; MANUS	156	19	45.2	10	250 g
M10AV014XZ	GEA	147	27	44.7	10	270 g
M10AV015XZ	FULLWOOD	145	25	48	10	200 g

Products are sold in bags of 4



Silicone Stoppers for Claws

MILKRITE REFERENCE	COMPATIBLE WITH	DESCRIPTION	SOLD IN
M20AV038SP	DELAVAL HARMONY	9mm	PACKS OF 20
M20AV037SP	DELAVAL HARMONY	4mm	PACKS OF 50



Filters

MILKRITE REFERENCE	FABRIC WEIGHT	DIMENSIONS	SOLD IN
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GLUED FILTERS 80GR

M18LG002LC	80g	320mm x 58mm	PACKS OF 1000
M18LG003LC	80g	455mm x 58mm	PACKS OF 1000
M18LG006LC	80g	620mm x 58mm	PACKS OF 1000

SEWN FILTERS 80GR

M18LS012LC	80g	530mm x 58mm	PACKS OF 1000
M18LS013LC	80g	620mm x 58mm	PACKS OF 1000
M18LS022LC	80g	800mm x 75mm	PACKS OF 1000

SEWN FILTERS 75GR

M18LS023SC	75g	610mm x 95mm	PACKS OF 1000
M18LS025SC	75g	857mm x 125mm	PACKS OF 100

ROUND FILTERS

M18LR007LC	20g	240mm Dia	PACKS OF 2000
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- Variety of diameters, lengths and mesh sizes
- Socks or sleeves to suit your filter system
- Glued or sewn seams
- Highest quality standards

Accessories

Milkrite Shop

MILKRITE PART NO.	DESCRIPTION
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Clothing

M16AV010XZ	MILKRITE REGATTA JACKET SMALL
M16AV011XZ	MILKRITE REGATTA JACKET MEDIUM
M16AV012XZ	MILKRITE REGATTA JACKET LARGE
M16AV013XZ	MILKRITE REGATTA JACKET XL
M16AV014XZ	MILKRITE REGATTA JACKET XXL
M16AV020XZ	MILKRITE FLEECE SMALL
M16AV021XZ	MILKRITE FLEECE MEDIUM
M16AV022XZ	MILKRITE FLEECE LARGE
M16AV023XZ	MILKRITE FLEECE XL
M16AV024XZ	MILKRITE FLEECE XXL
M16AV025XZ	MILKRITE BODY WARMER SMALL
M16AV026XZ	MILKRITE BODY WARMER MEDIUM
M16AV027XZ	MILKRITE BODY WARMER LARGE
M16AV028XZ	MILKRITE BODY WARMER XL
M16AV029XZ	MILKRITE BODY WARMER XXL
M16AV030XZ	MILKRITE NAVY POLO SHIRT SMALL
M16AV031XZ	MILKRITE NAVY POLO SHIRT MEDIUM
M16AV032XZ	MILKRITE NAVY POLO SHIRT LARGE
M16AV033XZ	MILKRITE NAVY POLO SHIRT XL
M16AV034XZ	MILKRITE NAVY POLO SHIRT XXL
M16AV035XZ	MILKRITE NAVY POLO SHIRT 3XL
M16AV036XZ	MILKRITE NAVY POLO SHIRT 4XL
M16AV037XZ	MILKRITE NAVY POLO SHIRT 5XL
M16AV038XZ	MILKRITE CAP (PACK OF 25)

Promotional Goods

M16AV003XZ	STRESS COW (PACK OF 50)
M16AV001XZ	APRON (EACH)
200389-01	BAG (PACK OF 25)
M16AV009XZ	PEN (PACK OF 100)



STRESS COW



APRON

MILKRITE PART NO.	DESCRIPTION
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Show Equipment

203258-01	MINI PULL UP - A3 - GENERIC
203267-01	MINI PULL UP - A3 - IMPULSE AIR
203263-01	MINI PULL UP - A3 - CLUSTER EXCHANGE SERVICE
203252-01	PULL UP - 1M X 2M - GENERIC
203270-01	PULL UP - 1M X 2M - IMPULSE AIR
203260-01	PULL UP - 1M X 2M - CLUSTER EXCHANGE SERVICE
203255-01	POP UP (3 DROP) - GENERIC
203275-01	POP UP (3 DROP) - IMPULSE AIR
203266-01	POP UP (3 DROP) - CLUSTER EXCHANGE SERVICE
202866-01	MILKRITE FLAG
202866-01	IMPULSE AIR FLAG
202867-01	LINER TABLE
202868-01	CLUSTER STAND

A minimum of 2 weeks notice is needed for all show equipment orders

Catalogues

200341-01	PRODUCT CATALOGUE X 25
200328-01	IMPULSE AIR CATALOGUE X 25
200322-01	CLUSTER EXCHANGE CATALOGUE X 25



WINTER COAT



POLO SHIRT



FLEECE

Accessories

Tools and Accessories

MILKRITE REFERENCE	DESCRIPTION
M08AV005XZ	ASSEMBLING TOOL FOR SHORT LINERS
M08AV019XZ	SCISSOR ACTION LINER REMOVAL TOOL
M08AV006XZ	TEAT CUP PLUG
M20AV031SP	LEVER ACTION LINER REMOVAL TOOL
M16AV048XZ	DIGITAL VERNIER CALIPER
M08AV017XZ	PULSATION RESTRICTORS
M24AV014XZ	PULSATION SILENCER
M08AV020XZ	TOUCH POINT PRESSURE TESTER





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