

SECTION

03 MILKING CLUSTERS

LINERS, CLAWS, SHELLS, HOSES AND COMPLETE CLUSTER SETS

01. LINERS 28

02. CLAWS 160 / 240 / 340 CC 29

03. TEAT CUP SHELLS 32

04. RUBBER HOSES 33

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VORTEX DAIRY TECH.

LINERS & MILK HOSES

RUBBER AND SILICONE, SHORT AND LONG

MILKING LINERS



SHORT LINER · RUBBER

VX110101



SHORT LINER · SILICONE

VX110101-1



LONG LINER · RUBBER

VX120101



LONG LINER · SILICONE

VX120102

RUBBER OR SILICONE?

	RUBBER LINER	SILICONE LINER
Service life	1,200 – 2,500 milkings	4,000 – 7,000 milkings
Resistance	Strong against knocks	Resists fat, ozone & chemicals
Surface	Wears with use	Stays smooth longer
Price	Lower	Higher, lasts 2–3× longer

MILK & VACUUM HOSES



SHORT MILK HOSE · RUBBER

VX210102



SHORT MILK HOSE · SILICONE

VX210102-1



LONG MILK HOSE · RUBBER / SILICONE

VX210101 / -1



SHORT VACUUM HOSE · RUBBER / SILICONE

VX210103 / -1

MILKING CLAWS

THREE SIZES · 160, 240 AND 340 CC







160 CC

VX140102

OVAL CLAW 160 CC

BODY	Oval, transparent bowl
MILK INLETS	Ø10 / Ø14 mm
MILK OUTLET	Ø18 mm
PARTS LIST	see claw parts 160 cc

240 CC

VX140105

OVAL CLAW 240 CC

BODY	Oval, transparent bowl
MILK INLETS	Ø10 / Ø14 mm
MILK OUTLET	Ø17 mm
WEIGHT	560 g

340 CC

CLAW 340 CC

BODY	Large transparent bowl
SHUT-OFF	Stainless valve pin
BASE	Black or transparent
USE	Parlours & clusters

CLAW SELECTION

CLAW	CAPACITY	MILK INLETS	OUTLET	WEIGHT	TYPICAL USE
Oval claw	160 cc	Ø10 / Ø14	Ø18	-	Portable machines
Oval claw	240 cc	Ø10 / Ø14	Ø17	560 g	Portable machines & parlours
Claw 340	340 cc	4 inlets	-	-	Higher-yield cows · parlour clusters

VERSIONS & SPARE BOWLS



CLAW · TRANSPARENT LID · 160 CC

VX140102-1



CLAW 340 CC · BLACK BASE



UPPER BOWL · 340 CC



BOTTOM BODY · 160 CC

Inlets Ø10 / Ø14

CLAW PARTS · 160 CC

EVERY PART OF THE CLAW, AVAILABLE SEPARATELY

VORTEX DAIRY TECH.

EXPLODED VIEW



NO	PART	CODE
1		CLAW BOWL · TRANSPARENT	VX140102-2
2		SHUT-OFF VALVE SET · WITH PIN	VX140102-3
3		SHUT-OFF VALVE · WITH PIN	VX140102-4
4		SHUT-OFF VALVE GASKET	VX140102-5
5		SHUT-OFF VALVE SET	VX140104-1
6		CLAW VALVE PIN · S/S	VX140104-2
7		SHUT-OFF RUBBER PLUG	VX140104-3
8		CLAW GASKET	VX140104-4
9		CLAW BOTTOM BOWL · TRANSPARENT	VX140104
10		BOTTOM BODY OF CLAW	

MILKING CLUSTERS

CLAW PARTS · 240 CC

COMPLETE SPARES FOR THE 240 CC OVAL CLAW

EXPLODED VIEW



NO	PART	CODE
1	 BOTTOM BODY OF CLAW	VX140105-1
2	 BOTTOM BODY	VX140105-2
3	 AIR DISTRIBUTOR	VX140105-3
4	 UPPER BODY OF CLAW	VX140105-4
5	 UPPER BODY WITH GASKET	VX140105-5
6	 SHUT-OFF VALVE SET	VX140105-6
7	 SHUT-OFF VALVE GASKET	VX140105-7
8	 SHUT-OFF VALVE	VX140105-8
9	 CLAW GASKET	VX140105-9
10	 CLAW HANGER	VX140105-10
11	 CLAW REMOVER HANGER	VX140105-12

TEAT-CUP SHELLS & CLUSTERS

SHELLS, SIGHT GLASSES AND SMALL-RUMINANT CLUSTERS

TEAT-CUP SHELLS



PLASTIC SHELL · RED

VX130108



PLASTIC SHELL · BLACK

VX130108-1



PLASTIC SHELL · BLUE

VX130108-2



PLASTIC SHELL · GREEN

VX130108-3



S/S SHELL · FULL TYPE

VX130109



METAL PIPE WEIGHT · S/S

VX130107

SHEEP & GOAT CLUSTERS



SHEEP CLUSTER · RUBBER

VX150103-1



GOAT CLUSTER · RUBBER

VX150101-1



SHEEP CLUSTER · SILICONE

VX150103



GOAT CLUSTER · SILICONE

VX150101

MILK SIGHT GLASS



MILK SIGHT GLASS

VX130114-2



MILK SIGHT GLASS

VX130114



MILK SIGHT GLASS

VX130114-1



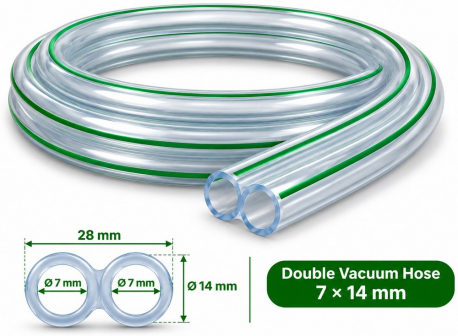
SINGLE MILK HOSE
14 × 22 / 16 × 25 / 19 × 32 mm · clear with green line

VX210104 / -1



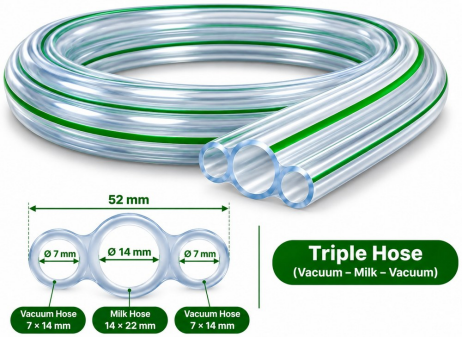
PULSE HOSE
7 × 14 mm · clear with green line

VX210104-4



DOUBLE VACUUM HOSE
2 × Ø7 / 14 mm · 28 × 14 mm profile

VX210104-2



TRIPLE HOSE · VACUUM – MILK – VACUUM
Milk 14 × 22 + 2 × vacuum 7 × 14 mm · 52 mm

VX210104-3

HOSE REFERENCES

REF.	HOSE	INSIDE Ø	OUTSIDE Ø	COLOUR
3272 / -2 / -3	Single milk hose	14	22	Clear / black / blue
3434 / -2 / -3	Single milk hose 14 × 24	14	24	Clear / black / blue
3442	Single milk hose	16	25	Clear
3443	Single milk hose	19	32	Clear
3444 / -2 / -3	Single milk hose 16 × 26	16	26	Clear / black / blue
3271 / -2 / -3	Pulse / double vacuum hose	7	14	Clear / black / blue
3273	Triple hose	14	22	Clear

MILKING CLUSTERS

MILKING CLUSTER SETS

COMPLETE CLUSTERS WITH 340 CC CLAW · READY TO FIT



COMPLETE CLUSTER

Ready-to-fit cluster for cows and buffalo, assembled and tested.

IN EVERY SET

- 340 CC CLAW WITH SHUT-OFF
- 4 TEAT-CUP SHELLS
- 4 LINERS
- SHORT MILK & PULSE HOSES

CHOOSE

S Shell — S/S · PVC	**L** Liner — Rubber · silicone



CLEAR SHELLS · SILICONE LINERS
Transparent PVC shells · silicone liners



S/S SHELLS · RUBBER LINERS
Stainless steel shells · rubber liners



BLUE SHELLS · RUBBER LINERS
Blue PVC shells · rubber liners



BLACK SHELLS · RUBBER LINERS
Black PVC shells · rubber liners

CLUSTER SET	SHELL	LINER	CLAW	ANIMAL
S/S Shells · Silicone Liners	Stainless steel	Silicone	340 cc	Cows & buffalo
Clear Shells · Silicone Liners	Transparent PVC	Silicone	340 cc	Cows & buffalo
S/S Shells · Rubber Liners	Stainless steel	Rubber	340 cc	Cows & buffalo
Blue Shells · Rubber Liners	Blue PVC	Rubber	340 cc	Cows & buffalo
Black Shells · Rubber Liners	Black PVC	Rubber	340 cc	Cows & buffalo

03

MILKING CLUSTERS

CLUSTER SETS 240 CC

WEIGHTED SHELLS · LONG RUBBER LINERS · THREE COLOURS



BLUE SHELLS

240 cc claw · long rubber liners



RED SHELLS

240 cc claw · long rubber liners



BLACK SHELLS

240 cc claw · long rubber liners

WHAT IS IN EVERY SET

1. 240 CC CLAW WITH SHUT-OFF
2. 4 WEIGHTED TEAT-CUP SHELLS
3. 4 LONG-TYPE RUBBER LINERS
4. SHORT MILK AND PULSE HOSES

CLUSTER SET REFERENCES

CLUSTER SET	SHELL	LINER	CLAW	ANIMAL
240 cc · blue shells	Blue, weighted	Rubber, long	240 cc	Cows & buffalo
240 cc · red shells	Red, weighted	Rubber, long	240 cc	Cows & buffalo
240 cc · black shells	Black, weighted	Rubber, long	240 cc	Cows & buffalo

Heavier shells keep the cluster seated on the udder. Codes on request.