

NEW

SureSil Silicone Milk Tube

from ...

**Dairy
Spares**

Silicone Milk Tube Containing A Special Silver Based Biocide



What is SureSil?

SureSil is silicone milk tube containing a special silver biocide additive. It is technically known as an antimicrobial silicone. It is proven to prevent the growth of MRSA, Salmonella and E-Coli. It is E-Coli which is relevant to the dairy farmer and **SureSil** milk tube is a great tool in maintaining low bactoscan results.

It has no taste, no smell, is non-toxic, non-leaching and non-corrosive with stable performance in temperatures up to 200°C.

How does it work?

As the bacteria or microbes make contact with the silicone surface the bacteria absorb the free silver ions that then destroy the bacteria/microbes by breaking down their cell walls. The silver ions inhibit the growth of any micro-organisms, deter it from contaminating or colonising its surface and provides ongoing protection.

How long does it last

The silver ion additive is incorporated in the mix at the time of manufacture and not just applied to the surface. This means performance is not affected by scratches, bumps or general wear and tear and the antimicrobial properties last for the lifetime of the tube. On average **SureSil** will last up to 2½ times that of rubber tubing, which is the same as standard silicone.

How much does it cost?

This is available in 14mm and 16mm milk tube in 10m and 20m lengths. It is about 20% premium over standard silicone.

CODE	DESCRIPTION	SIZE
TS36A	SureSil Silicone Milk Tube	14mm x 24mm x 10m
TS36B	SureSil Silicone Milk Tube	14mm x 24mm x 20m
TS37B	SureSil Silicone Milk Tube	16mm x 26mm x 10m
TS37B	SureSil Silicone Milk Tube	16mm x 26mm x 20m

ASK YOUR LOCAL SUPPLIER OR FOR DETAILS OF WHERE TO PURCHASE CALL



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WHITCHURCH, SHROPSHIRE SY13 1TT

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Fax No.: 01948 666505

email: sales@dairyspares.co.uk
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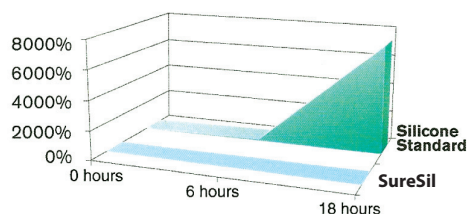
SureSil Silicone Milk Tube

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Proven to prevent growth of bacteria such as E-Coli and MRSA

Trial Data

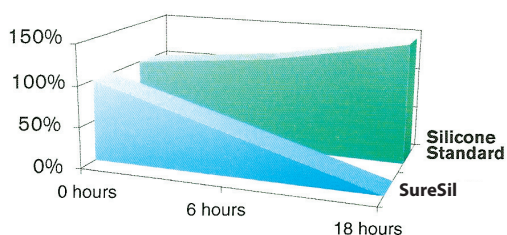
E-Coli Independent Test (sample tested at 25°C)



Sample	Organism	% Change Compared with initial inoculum	
		After 6 hours	After 18 hours
Standard Silicone	E.coli	300% growth	5700% growth
SureSil	E.coli	>99.99% reduction	>99.99% reduction

Trial: SteriTouch®, Gwent (JIS Z 2801:200 standard)

MRSA Independent Test (sample tested at 25°C)



Sample	Organism	% Change Compared with initial inoculum	
		After 6 hours	After 18 hours
Standard Silicone	MRSA	32% reduction	4% growth
SureSil	MRSA	85% reduction	>99.99% reduction

Trial: SteriTouch®, Gwent (JIS Z 2801:200 standard)

Farmer Testimonial

T W Holden and Son from Chaigley, Borough of the Ribble, Lancashire had used standard silicone for many years. At the end of September 2011 he changed all the milk tube in the parlour to **SureSil** with immediate and continued improvements in his bactoscan.

↙ Changed over to SureSil end of September 2011

Month/Year	Apr 2011	May 2011	Jun 2011	Jul 2011	Aug 2011	Sep 2011	Oct 2011	Nov 2011	Dec 2011	Jan 2012	Feb 2012	Mar 2012	Apr 2012	May 2012
SCC	245	211	183	161	187	206	228	209	209	174	192	191	236	227
Bactoscan	26	30	30	32	43	36	26	26	26	28	24	27	28	24

There was an immediate reduction in the bactoscan from 36 to 26 and this figure continued up to the latest figures where it varied between 24 and 28 only. While T W Holden and Son are constantly reviewing procedures to improve the bactoscan, the only item changed at the time and since was the replacement of the standard silicone with the **SureSil** silicone. Therefore, this improvement is attributed to the **SureSil** alone. Somatic cell counts were unaffected.

Conclusion

Any bacteria in the milk which is on the surface of **SureSil** will be killed by the silver ions within it, resulting in a lower bactoscan.

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