

SILVERSG™

Antibacterial Wound Dressing Gel

The clear solution in wound care™

SILVERSG™ Antibacterial Wound Dressing Gel is manufactured by SteriGear using a recently developed and patented technology to produce metallic silver nanoparticles (Ag^0) coated with tetrasilver tetroxide (Ag_4O_4), with total contained Silver of just 0.0032%.

In vitro testing of SILVERSG™ has provided the following results:

Organism at control titer of 1,000,000 to 10,000,000 CFU/ml	0 hour percent reduction results	7 day percent reduction results	14 day percent reduction results	28 day percent reduction results
<i>Staphylococcus aureus</i>	87.6973	99.9981	99.9981	99.9981
<i>Pseudomonas aeruginosa</i>	99.9510	99.9951	99.9951	99.9951
<i>Escherichia coli</i>	99.9241	99.9972	99.9972	99.9972
<i>Candida albicans</i>	99.9813	99.9981	99.9981	99.9981

Organism	Exposure interval	Average control titer (CFU/ml)	Percent reduction (%)	Log ₁₀ reduction
Methicillin-resistant <i>Staphylococcus aureus</i> (MRSA), ATCC#4330	1 hour	1,900,000	99.9989	>4.98
Methicillin-resistant <i>Staphylococcus aureus</i> (MRSA), ATCC#4330	24 hours	1,900,000	99.9989	>4.98
Vancomycin-resistant <i>Enterococcus faecalis</i> (VRE), ATCC#51575	1 hour	4,800,000	99.5533	2.35
Vancomycin-resistant <i>Enterococcus faecalis</i> (VRE), ATCC#51575	24 hours	4,800,000	>99.9996	>5.38

All testing performed by Nelson Laboratories, Salt Lake City, Utah.



SteriGear®

www.sterigear.com
800-398-3259 - Provo, UT