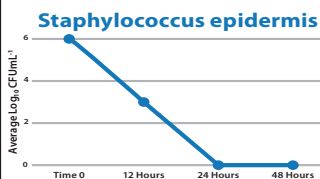


BioBlock™ Effectiveness Against Common Wound Pathogens

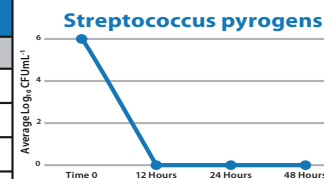
Staphylococcus epidermidis ATCC 35984

Exposure Time	Concentration of Organism cfu/mL		Percent Reduction	
	Control	Product	Control	Product
Time 0	5.8x10 ⁶	N/A	N/A	N/A
Time 12 hours	N/A	4.1x10 ³	N/A	99.9%
Time 24 hours	N/A	<10	N/A	99.9%
Time 48 Hours	N/A	<10	N/A	99.9%



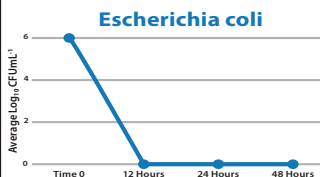
Streptococcus pyogenes ATCC 19615

Exposure Time	Concentration of Organism cfu/mL		Percent Reduction	
	Control	Product	Control	Product
Time 0	4.7x10 ⁶	N/A	N/A	N/A
Time 12 hours	N/A	<10	N/A	99.9%
Time 24 hours	N/A	<10	N/A	99.9%
Time 48 Hours	N/A	<10	N/A	99.9%



Escherichia coli ATCC 25922

Exposure Time	Concentration of Organism cfu/mL		Percent Reduction	
	Control	Product	Control	Product
Time 0	7.7x10 ⁶	N/A	N/A	N/A
Time 12 hours	N/A	<10	N/A	99.9%
Time 24 hours	N/A	<10	N/A	99.9%
Time 48 Hours	N/A	<10	N/A	99.9%



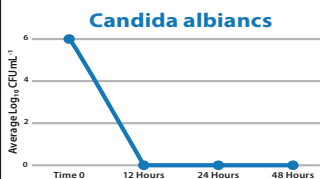
Pseudomonas aeruginosa 9027

Exposure Time	Concentration of Organism cfu/mL		Percent Reduction	
	Control	Product	Control	Product
Time 0	5.6x10 ⁶	N/A	N/A	N/A
Time 12 hours	N/A	<10	N/A	99.9%
Time 24 hours	N/A	<10	N/A	99.9%
Time 48 Hours	N/A	<10	N/A	99.9%



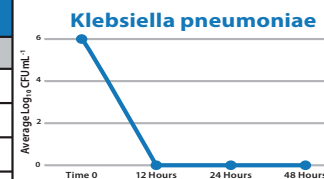
Candida albicans ATCC 90028

Exposure Time	Concentration of Organism cfu/mL		Percent Reduction	
	Control	Product	Control	Product
Time 0	5.9x10 ⁶	N/A	N/A	N/A
Time 12 hours	N/A	<10	N/A	99.9%
Time 24 hours	N/A	<10	N/A	99.9%
Time 48 Hours	N/A	<10	N/A	99.9%



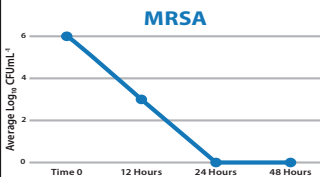
Klebsiella pneumoniae ATCC 10031

Exposure Time	Concentration of Organism cfu/mL		Percent Reduction	
	Control	Product	Control	Product
Time 0	7.3x10 ⁶	N/A	N/A	N/A
Time 12 hours	N/A	<10	N/A	99.9%
Time 24 hours	N/A	<10	N/A	99.9%
Time 48 Hours	N/A	<10	N/A	99.9%



MRSA (Staphylococcus aureus) ATCC 33591

Exposure Time	Concentration of Organism cfu/mL		Percent Reduction	
	Control	Product	Control	Product
Time 0	6.3x10 ⁶	N/A	N/A	N/A
Time 12 hours	N/A	3.0x10 ³	N/A	99.9%
Time 24 hours	N/A	<10	N/A	99.9%
Time 48 Hours	N/A	<10	N/A	99.9%



BioBlock™ combines three polymers encapsulating Octenidine to improve its antimicrobial activity within biofilm structures. Each polymer has a designated purpose and provides a holistic approach to biofilm and pathogen removal. The polymer micelles release Octenidine into the biofilm and pathogens within the biofilm over time.