



Dressing contains Poly (Diallyl Dimethyl Ammonium Chloride) (0.15%)

## CONFORMING BANDAGE

## INSTRUCTIONS FOR USE

### LATEX FREE



- For single use



- See Insert for Instructions For Use



- Gamma Radiation

### PRODUCT DESCRIPTION

BIOGUARD® Barrier Conforming Bandage dressings consist of a blend of Rayon and Polyester tightly bound with a non-toxic, high molecular weight cationic polymer, Poly (Diallyl Dimethyl Ammonium Chloride), (p-DADMAC) at a concentration of 0.02 mg/sq. inch. The non-toxic, high molecular weight cationic polymer does not leach out of the dressing (under physiological conditions). Conforming Bandages conform easily to body contours, even when wet or saturated with drainage. The bandage stretches and clings to itself, requiring minimal additional securement.

The dressings provide a barrier to bacterial contamination while also providing reductions of common pathogens (see table for full details) within the dressings.

### INDICATIONS

Under the supervision of a healthcare professional, BIOGUARD® Barrier Conforming Bandage dressings are intended for use to secure and prevent movement of a primary dressing. BIOGUARD® Conforming Bandage dressings are intended to be used as a part of an overall infection control program - the dressings alone do not provide complete protection against infection.

### CONTRAINDICATIONS

BIOGUARD® Barrier Dressing are contraindicated for use on 3rd degree burns.

### PRECAUTIONS

- For external use only
- Should not be used on patients with known sensitivity to quaternary ammonium compounds
- This dressing is not intended as a treatment for clinical infection. If signs of clinical infection are present, consult a physician. BIOGUARD® Barrier Dressings can be used in conjunction with the prescribed therapy.
- BIOGUARD® Barrier Dressing acts as a physical barrier to outside contaminants and does not act on the surface or the interior of the wound nor does it contain antimicrobial agents that act on the body.
- If the dressing is not easily removed, soak with sterile saline or water until it is removed without difficulty.

### DIRECTIONS FOR USE

- Clean and prepare the wound as per standard protocol.
- Open the package and remove the sterile dressing.
- After applying the necessary primary dressing, cover with the end of the Conforming Bandage dressing, and then wrap the remainder of the bandage around the area to secure and prevent movement of the primary dressing. Bandage should be wrapped with minimal tension to keep the primary dressing in place, and so that the Conforming Bandage stretches and clings to itself. Overlap previous area by 1.5 - 2 inches, and smooth after each layer. The finished wrap should be firm but not overly tight. There should be no discomfort. Secure with tape to prevent the Conforming Bandage from unwrapping.
- Change the dressing as required, at least every 24 hours. Change sooner if there is exudate strike-through. If healing does not progress, consult with your medical professional.

### TESTING\*

BIOGUARD® Barrier Conforming Bandage Dressings was *in-vitro* tested (for leachability of p-DADMAC and for its biochemical properties) and the following results were achieved:

Test Species	Average Log Reduction
<i>Methicillin resistant staphylococcus aureus: MRSA</i>	7.76
<i>Staphylococcus aureus</i>	6.90
<i>Escherichia coliform</i>	7.94
<i>Pseudomonas aeruginosa</i>	7.61
<i>Micrococcus luteus</i>	6.42
<i>Streptococcus pyogenes</i>	7.72
<i>Enterococcus faecium</i>	5.74
<i>Staphylococcus epidermidis</i>	7.73
<i>Listeria monocytogenes</i>	7.59
<i>Vancomycin Resistant Enterococcus faecium: VRE</i>	7.30
<i>Serratia marcescens</i>	7.43
<i>Klebsiella pneumoniae</i>	7.39

\*Testing method AATCC 100. The clinical significance of this testing is not proven.

p-DADMAC on the dressing inhibits growth of *Staphylococcus aureus*, *Escherichia coli*, *Candida albicans*, and *Pseudomonas aeruginosa* within the dressing up to 24 hours.



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