



Dressing contains Poly ( Diallyl Dimethyl Ammonium Chloride) (0.3%)

## INSTRUCTIONS FOR USE

### LATEX FREE



- For single use



- See Insert for Instructions For Use



- Ethylene Oxide Sterilized

### PRODUCT DESCRIPTION

BIOGUARD® Barrier dressings (large roll or sponge) consist of 100% cotton gauze tightly bound with a non-toxic, high molecular weight cationic polymer, Poly (Diallyl Dimethyl Ammonium Chloride), (p-DADMAC) at a concentration of 2 mg/sq. inch. The non-toxic, high molecular weight cationic polymer does not leach out of the dressing (under physiological conditions).

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 Dressings are intended for use as primary dressings for exuding wounds, first and second degree burns, and surgical wounds, as wound packing, and to secure and prevent movement of a primary dressing.

### 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.
- For use as a primary dressing, apply either surface to the wound or pack loosely into a wound cavity. Use one or more dressings to fully cover or fill the wound. Affix with tape, elastic wrap, or cover with a film dressing as per standard protocol.
- For use as a secondary dressing, use the Large Roll Gauze. After applying the necessary primary dressing, cover with the end of the Large Roll Gauze, and then wrap the Large Roll Gauze around the area to secure and prevent movement of the primary dressing. Bandage should be wrapped without tension. 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 Large Roll Gauze 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 Dressing 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
Methicillin resistant <i>staphylococcus aureus</i> : MRSA	6.06
<i>Staphylococcus aureus</i>	7.10
<i>Escherichia coliform</i>	7.10
<i>Pseudomonas aeruginosa</i>	7.22
<i>Corynebacterium xerosis</i>	5.68
<i>Micrococcus luteus</i>	6.02
<i>Proteus vulgaris</i>	7.53
<i>Streptococcus pyogenes</i>	5.81
<i>Enterococcus faecalis</i>	6.26
<i>Enterobacter (Aerobacter) aerogenes</i>	5.88
<i>Staphylococcus epidermidis</i>	7.44
<i>Listeria monocytogenes</i>	6.97
<i>Vancomycin Resistant Enterococcus faecium</i> : VRE	5.20
<i>Serratia marcescens</i>	6.21
<i>Klebsiella pneumoniae</i>	7.35

\*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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