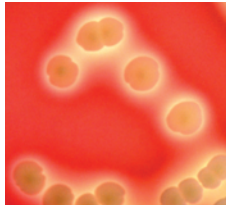


# Is MRSA Attacking Your Hospital?

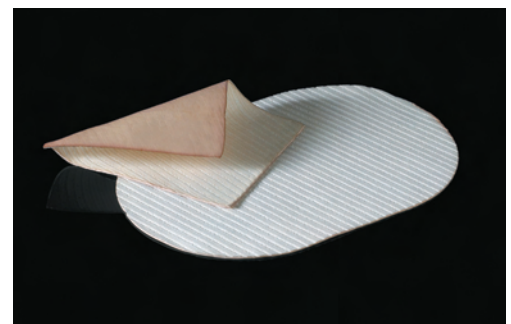
## *Fight Back!*



### **GORE® DUALMESH® PLUS Biomaterial Inhibits MRSA Colonization and Resists Initial Biofilm Formation on the Prosthetic Material for Soft Tissue Repair.**

**Many surgeons agree that the use of a prosthetic material with antimicrobial preservatives is sound medical practice.**

- ▶ MRSA represents 64.4% of U.S. based hospital *S. aurea* infections.<sup>1</sup>
- ▶ It is estimated that the annual cost for nosocomial infections in the United States is \$11 billion and that 45% of all infections in hospitals derive from implanted devices.<sup>2</sup>
- ▶ The Centers for Disease Control and Prevention estimated 90,000 mortalities annually due to infections and is urging hospitals to track and prevent infections.<sup>3</sup>



GORE® DUALMESH® PLUS Biomaterial

*In the fight against MRSA and other organisms, Gore provides a unique offering:*

GORE® DUALMESH® PLUS Biomaterial consists of two antimicrobial preservatives that act synergistically to inhibit microbial colonization of, and resist initial biofilm formation on, the device for up to 14 days after implantation.

<sup>1</sup> Klevens RM, Edwards JR, Tenover FC, McDonald LC, Horan T, Gaynes R; National Nosocomial Infections Surveillance System. Changes in the epidemiology of methicillin-resistant *Staphylococcus aureus* in intensive care units in US hospitals, 1992-2003. *Clinical Infectious Diseases* 2006;42(3):389-391.

<sup>2</sup> Schierholz JM and Beuth J. Implant infections: a haven for opportunistic bacteria. *J. Hosp. Infection* (2001) 49:87-93.

<sup>3</sup> McKibben L, Horan T, Tokars I, Fowler G, Card DM, et al. Guidance on Public Reporting of Healthcare Associated Infections: Recommendations of the Healthcare Infection Control Practices Advisory Committee. *Amer. J. Infection Control* (2005) May; 33(4): 217-226.



**DUALMESH® PLUS**

BIOMATERIAL

**PERFORMANCE**  
through experience

*“In both in vitro and in vivo experiments, we demonstrated the ability of DualMesh® Plus to kill bacteria and resist infection.”*

Cobb, WS, Kercher, KW, Matthews, BD, Burns, JM, Tinkham, NH, Sing, RF, and Heniford, BT. Laparoscopic ventral hernia repair: a single center experience. *Hernia* 2006; 10: 236-242.

Gore’s unique antimicrobial technology has been shown to be effective against gram negative and gram positive organisms. Zone of inhibition bioassays have found that the antimicrobial technology exhibits substantial preservative activity against the following organisms:

- Staphylococcus aureus
- Methicillin resistant Staphylococcus aureus (MRSA)
- Vancomycin-resistant Enterococcus faecalis (VRE)
- Group A Streptococcus
- Acinetobacter baumannii
- Escherichia coli
- Pseudomonas aeruginosa
- Klebsiella pneumoniae
- Staphylococcus epidermidis
- Candida albicans

**GORE® DUALMESH® PLUS Biomaterial** is not only loaded with silver and chlorhexidine, it is composed of Gore’s proprietary expanded polytetrafluoroethylene (ePTFE), is bio-inert, achieves rapid tissue attachment, and offers high tensile strength. The unique GORE® DUALMESH® PLUS Biomaterial surface structure allows for tissue ingrowth on the patented CORDUROY Surface side, and minimizes tissue attachment to the material on the smooth visceral surface side.

#### Sizes Available

Catalogue Number (1 mm thickness)	Catalogue Number (2 mm thickness)	Nominal Width x Length
1DLMCP02	–	8 cm x 12 cm
1DLMCP03	1DLMCP200	10 cm x 15 cm*
1DLMCP04	1DLMCP201	15 cm x 19 cm*
1DLMCP05	–	7.5 cm x 10 cm
1DLMCP06	1DLMCP202	18 cm x 24 cm
1DLMCP07	1DLMCP203	20 cm x 30 cm
1DLMCP08	1DLMCP204	26 cm x 34 cm*

Also available without PLUS antimicrobial technology

\* oval shaped



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Refer to the *Instructions for Use* for a complete description of all warnings, precautions, and contraindications. ® only

Products listed may not be available in all markets.  
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