

# Maxorb® Extra Ag

*A highly absorbent antimicrobial silver dressing*





## Maxorb® Extra AG provides antimicrobial silver protection and maximum absorbency

### Sustained antimicrobial protection

Offers controlled-release ionic silver for up to four days .

### Highly absorbent

Maxorb Extra Ag absorbs more than other alginate or absorbent silver dressings.

### Fluid will not wick laterally

Wound exudate mixes with Maxorb Extra Ag to form a gel that will not wick out, reducing the potential for damage to periwound skin.

### Superior gelling and fluid handling

The CMC fiber in Maxorb Extra Ag improves the vertical wicking and fluid handling as well as the wet strength.

### Reduces odor

Odor in wounds is primarily caused by bacteria, and so by providing an antibacterial barrier to combat bacteria absorbed in the wound exudate, odor is reduced.

### One piece removal

High wet and dry integrity means easy one-piece removal.

# Controlled-release ionic silver provides antimicrobial protection

Reducing bioburden in a wound is one of the key factors in helping it heal. If too many of the body's resources are devoted to fighting invaders, fewer resources are available to help the body heal itself.

Although silver has long been known as an antimicrobial, it has two inherent weaknesses: the body metabolizes it quickly and it can be cytotoxic. Maxorb Extra Ag releases silver in extremely small amounts that do not damage healthy tissue. Yet it still acts as an extremely effective antimicrobial.

Maxorb Extra Ag is seeded with an ionic silver compound called silver sodium hydrogen zirconium phosphate. This ionic silver compound is unusual because it is activated by sodium and not by water. Exposure to the sodium in wound exudate stimulates the controlled release of silver ions, providing antimicrobial protection over a broad spectrum of bacteria and fungi, including MRSA and VRE.

Maxorb Extra Ag is biocompatible, non-irritating, non-sensitizing and will not harm new granulation tissue.

## CMC fibers provide extra absorbency and strength

Maxorb Extra Ag's combination of non-woven alginate and carboxymethylcellulose (CMC) fiber is more absorbent than other alginate dressings.

As wound fluid is absorbed by the alginate, it forms a gel, which assists in maintaining a moist environment for optimal wound healing. Plus, it allows intact, one-piece removal.

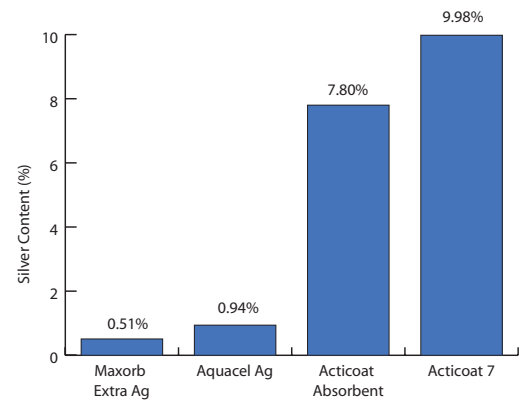
The added presence of CMC improves the gelling and fluid handling ability as well as adding improved wet strength.

Zone of Inhibition (diameter in mm)

Culture Strain	Maxorb Extra Ag	Acticoat 7	Aquacel Ag	Control
<i>Staphylococcus epidermidis</i> (MRSE)	5.5	6.7	7.4	0
<i>Staphylococcus aureus</i> (MRSA)	4.3	4.6	5.1	0
<i>Enterococcus faecalis</i> (VRE)	2.1	2	1.8	0
<i>Streptococcus pyogenes</i> (19615)	3	3.2	4.5	0
<i>Streptococcus epidermidis</i> (12228)	5	4.7	5.2	0
<i>Escherichia coli</i> (8739)	2.3	2.2	2.3	0
<i>Candida albicans</i> (10231)	7.5	7.1	8.5	0
<i>Staphylococcus aureus</i> (6538)	1.2	0.9	1.6	0
<i>Pseudomonas aeruginosa</i> (9027)	1.6	1.5	2.2	0

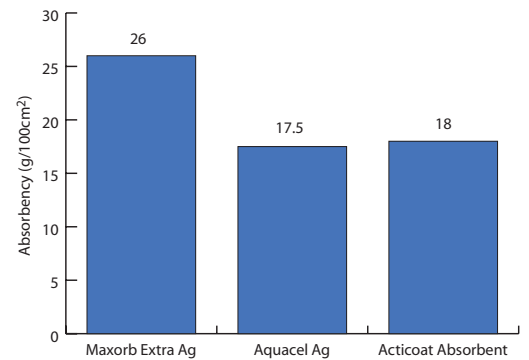
Independent study performed by Wickham Laboratories Limited

Comparison of silver content in dressings



Independent study performed by Wickham Laboratories Limited

Absorbency comparison of silver dressings



Independent study performed by Wickham Laboratories Limited

# Maxorb Extra Ag is appropriate for a wide range of wound types and conditions.

## Indications

- Moderate to heavily exudating partial to full thickness wounds
- Post-operative wounds
- Trauma wounds
- Leg ulcers
- Pressure ulcers
- Diabetic ulcers
- Graft and donor sites

## Contraindications

- Third-degree burns
- Dry or lightly exudating wounds
- Individuals with a known sensitivity to alginates or silver
- To control heavy bleeding
- Surgical implantation

## Change Frequency

- Dressing change frequency will depend on wound condition and the level of exudate. Initially it may be necessary to change the dressing every 24 hours.
- Maxorb Extra Ag may be left in place for up to four days.

## Recommended Secondary Dressings

- Stratasorb Composite Dressing

Maxorb Extra Ag Ordering Information		
Item No.	Description	Packaging
MSC9422	Sheet 2" x 2"	10/bx, 10 bx/cs
MSC9445	Sheet 4" x 4.75"	10/bx, 5 bx/cs
MSC9448	Sheet 4" x 8"	5/bx, 10/cs
MSC9412	Rope 12" x 1"	5/bx, 4 bx/cs

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PRODUCT

Comparison of Medline silver dressings				
Exudate level)	High	Maxorb Extra Ag Sheet	Maxorb Extra Ag Rope <i>or</i> Arglaes Powder	Maxorb Extra Ag Rope <i>or</i> Arglaes Powder
	Moderate	SilvaSorb Sheet w/ Perfs <i>or</i> Maxorb Extra Ag Sheet	SilvaSorb Cavity <i>or</i> Maxorb Extra Ag Rope	Maxorb Extra Ag Rope <i>or</i> Arglaes Powder
	Low	SilvaSorb Sheets <i>or</i> Arglaes Film or Island	SilvaSorb Cavity <i>or</i> SilvaSorb Gel	SilvaSorb Gel
		Flat	Cavity (wound style)	Difficult to Dress

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