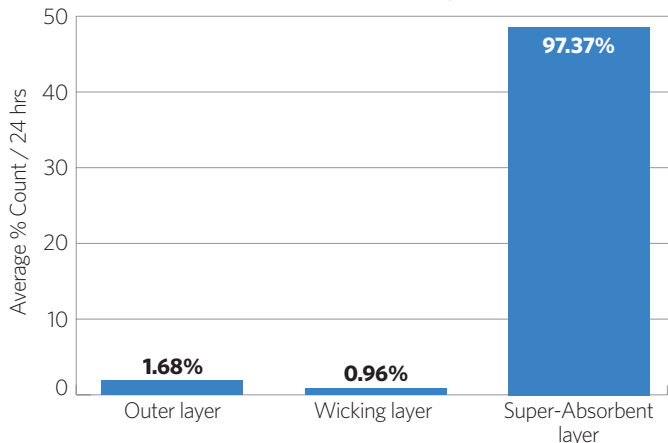


Where does sequestered bacteria and MMPs reside within the dressing?

In vitro studies^{3,7*} demonstrate that 3M™ Kerramax Care™ Super-Absorbent Dressings lock away bacteria within the Super-absorbent core with Exu-Safe Technology dressing core away from the outer layers in direct contact with the wound bed.

Bacterial sequestration distribution of MRSA* in Kerramax Care Dressings^{3*}



98.33%
of MRSA

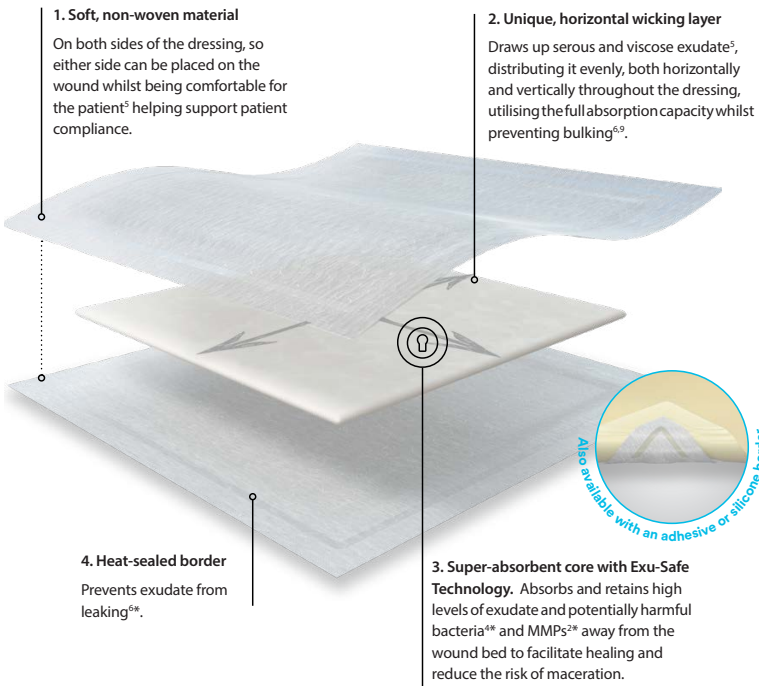
Kerramax Care Dressings are superior in their ability to retain bacteria within the dressing compared with other super-absorbent dressings and gauze^{7*}. 98.33% of MRSA was locked inside the dressing and away from the wound^{3*}.

100% of
MMPs

Kerramax Care Dressings retained 100% of MMP2 or MMP9 after four days compared to gauze and other super-absorbent dressings^{8*}.

*as demonstrated *in vitro*

3M™ Kerramax Care™ Super-Absorbent Dressings



*as demonstrated *in vitro*

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- Thomas H, Westgate SJ. *An in vitro comparison of MRSA and P. aeruginosa sequestration by five super-absorbent wound dressings*. Poster presented at EWMA, 11-13 May 2016; Bremen, Germany.
- Hughes M. A large-scale evaluation of managing moderate and highly exuding wounds in the community. *Wounds UK* 2017;13(3): 78-85.
- Cotton S. *The management of a chronic leg ulcer using Kerramax Care™ Super-Absorbent Dressing under compression*. Poster presented at Wounds UK; November 2015; Harrogate, UK.
- Singh G, Thomason H. *Sequestration and retention of bacteria by superabsorbent dressings over time*. KCI, CHC R1043 (in vitro). University of Manchester & KCI Knutsford, UK, 2020.
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- Rose R. *A large clinical evaluation assessing the tolerance & effectiveness of super-absorbent dressing, Kerramax Care™*. Poster presented at Wounds UK; November 2015; Harrogate, UK.

QUICKGUIDE

3M™ Kerramax Care™ Super-Absorbent Dressings



Challenges of excess exudate

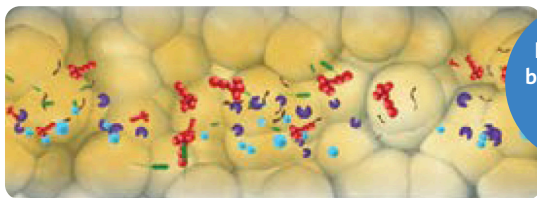
Highly exuding wounds are demanding for both clinician and patient. Excess fluid can lead to¹:

- Difficulties achieving an optimum moisture balance
- Leakage, which is uncomfortable and can be odorous
- Maceration of wound edges and surrounding skin

Bacteria and matrix metalloproteinases (MMPs) in excess fluid can be an impediment to wound healing¹.

Solutions for managing excess exudate

3M™ Kerramax Care™ Super-Absorbent Dressings with advanced **3M™ Exu-Safe™ Technology** has a unique lateral wicking system and ability to reduce MMPs^{2*} and sequester bacteria such as methicillin-resistant *Staphylococcus aureus* (MRSA) and *Pseudomonas aeruginosa*^{3,4}.



Locks away bacteria from the wound bed⁴

Kerramax Care Dressings are designed to manage high to very high levels of exudate:

- Can be used as either a primary or secondary dressing
- Can be folded or shaped to assist patient comfort⁵
- Can be used on either side for easy application
- Can be left in place for 7 days
- Available in a wide range of shapes and sizes, including a 20x50cm that can be wrapped around the leg easily underneath bandaging⁶
- Suitable for use under all forms of compression⁶

*as demonstrated *in vitro*

High absorption and protection for patients

Whether exudate is serous or viscous, the combination of a unique horizontal wicking and **3M™ Exu-Safe™ Technology** ensures high fluid absorption and retention⁵, even under compression^{3,6*}.

3M™ Kerramax Care™ Super-Absorbent Dressings locks away:

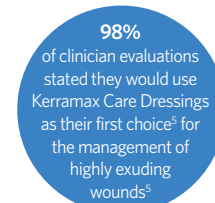
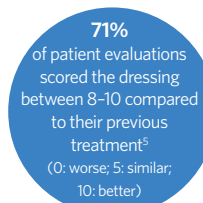
- **Fluid**, which can cause maceration if left unmanaged⁵
- **Bacteria**, which reduces the risk of wound infection^{3,4}
- **Harmful components of chronic wound fluid** that contribute to delayed healing and wound edge breakdown, such as MMPs².

1. Horizontal wicking system
2. High fluid absorption and retention capacity
3. Heat-sealed border, to prevent exudate leakage from the dressing^{6**} and keep the dressing strong and intact

Patient experience: patient comfort

A positive patient experience can lead to reduced stress and anxiety when dealing with chronic wounds, this in turn can reduce pain and improve patient concordance with treatment⁵.

In a patient study of managing highly exuding wounds in the community, **3M™ Kerramax Care™ Super-Absorbent Dressings** were evaluated for patient experience based on comfort. A total of 101 patient evaluations were completed across a range of wound aetiologies.



Where Kerramax Care sits on the 3M™ exudate management continuum

Dry to low 	Low to moderate 	Moderate to high 	High to very high 
3M™ Kerralite Cool™ Moisture Balancing Hydrogel Dressings Absorbent, moisture balancing hydrogel sheet dressing 	3M™ Tegaderm™ Absorbent Clear Acrylic Dressing Conformable, absorbent clear dressing 	3M™ Tegaderm™ Silicone Foam Border Dressing Silicone foam dressing with advanced adhesive technology 	3M™ Kerramax Care™ Super-Absorbent Dressings 
		3M™ Kerracel™ Gelling Fiber Dressing Conformable, gelling fiber dressing 	