

3M Science.
Applied to Life.™

Demand high-level expertise

**3M™ Kerramax Care™
Super-Absorbent Dressings**



Clinicians are right to demand more from a super-absorbent dressing

Highly exuding wounds are demanding for both clinician and patient: excess fluid can make achieving an optimum moisture balance difficult, leakage is uncomfortable and can lead to maceration and the constituents of wound fluid, including bacteria and matrix metalloproteinases (MMPs), can be an impediment to wound healing.

3M™ Kerramax Care™ Super-Absorbent Dressings with advanced 3M™ Exu-Safe™ Technology, unique lateral wicking system and ability to sequester bacteria^{1,2*} and MMPs^{3*}, are ready to meet these demands helping to transform patient outcomes.

Kerramax Care Dressings: **3 demands clinicians can confidently make.**

Demand

1

Effective sequestration and retention of bacteria and MMPs

Demand

2

High absorption and protection for patients

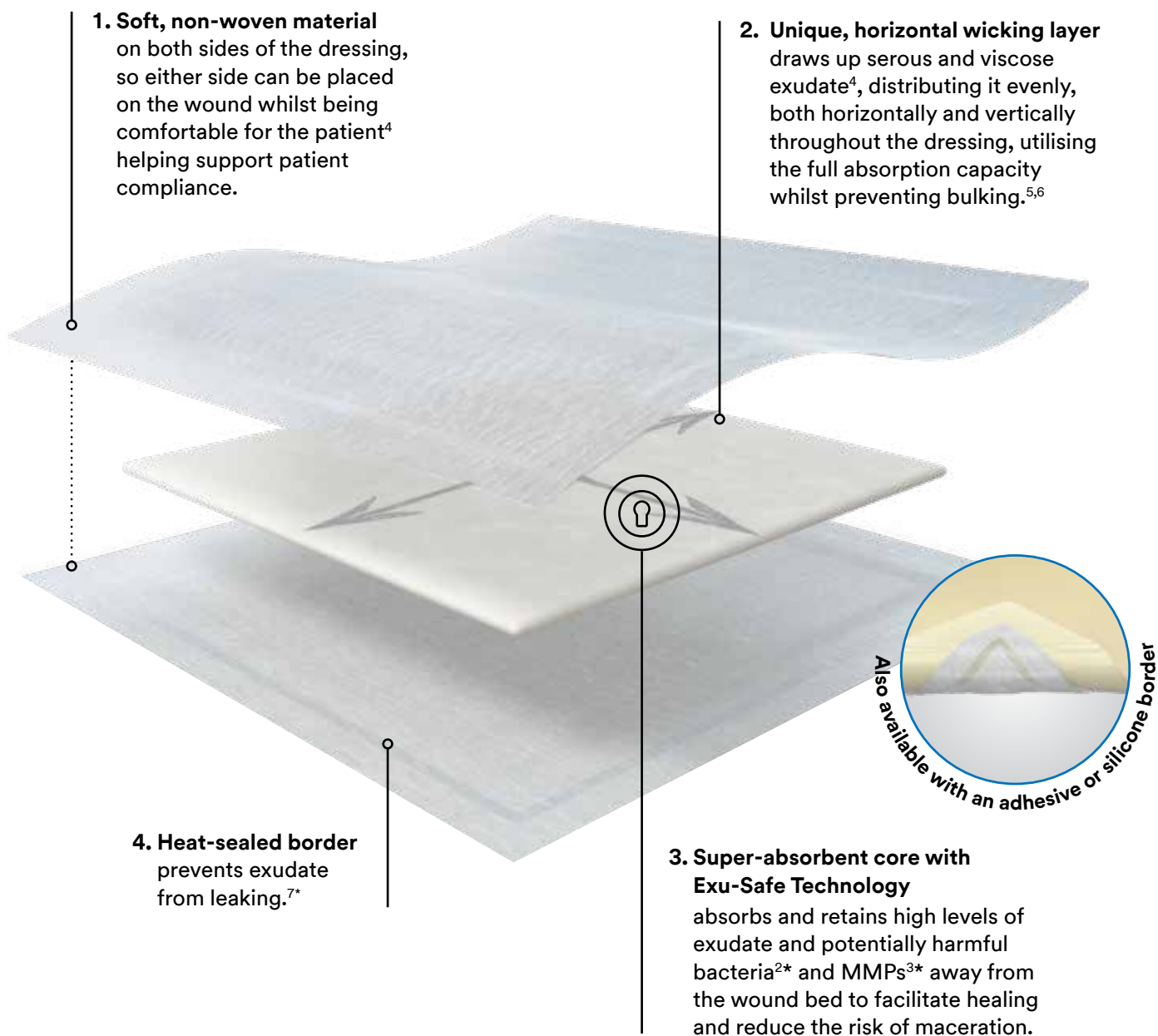
Demand

3

Dressings that support patient comfort



Kerramax Care Dressings



Indications

Kerramax Care Dressing is indicated for moderately to highly exuding:

- Pressure ulcers
- Leg ulcers
- Diabetic foot ulcers

*As demonstrated *in vitro*

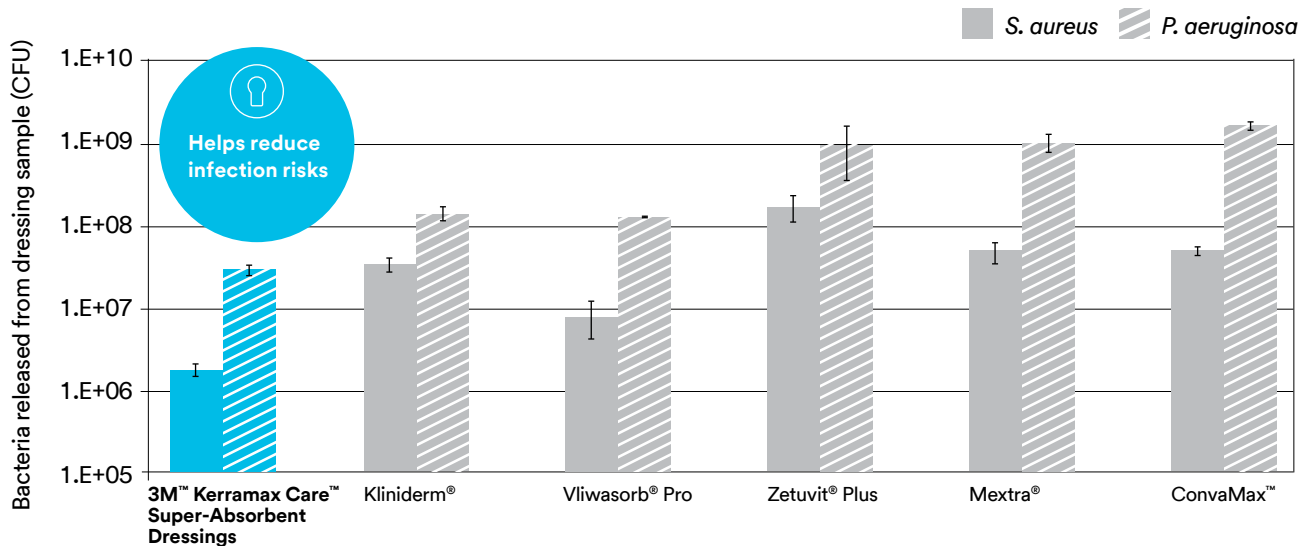
1

Effective sequestration and retention of bacteria and MMPs

Pseudomonas aeruginosa and Staphylococcus aureus bacteria released by super-absorbent dressings^{8*}

In vitro studies have shown Kerramax Care Dressing are superior in their ability to retain bacteria within the dressing.^{8*} In comparison, other superabsorbent dressings released between 6 and 171 million more bacteria back into the wound bed than Kerramax Care Dressing.^{8*}

S. aureus and *P. aeruginosa* bacteria released from super-absorbent dressings

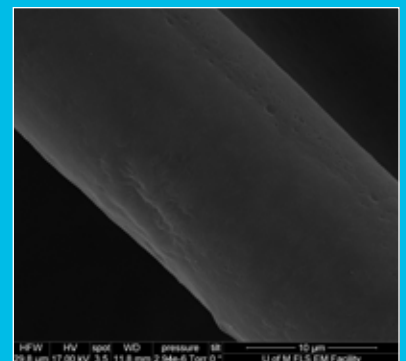


Kliniderm® (H&R Healthcare Ltd), Vliwasorb® Pro (Lohmann & Rauscher GmbH), Zetuvit® Plus (Paul Hartmann AG), Mextra® (Mölnlycke Health Care AB) and ConvaMax™ (ConvaTec Group PLC)

Where does sequestered bacteria reside within the dressing?

In vitro studies^{1,8*} demonstrate that Kerramax Care Dressings lock away bacteria within the dressing core away from the outer layers in direct contact with the wound bed.

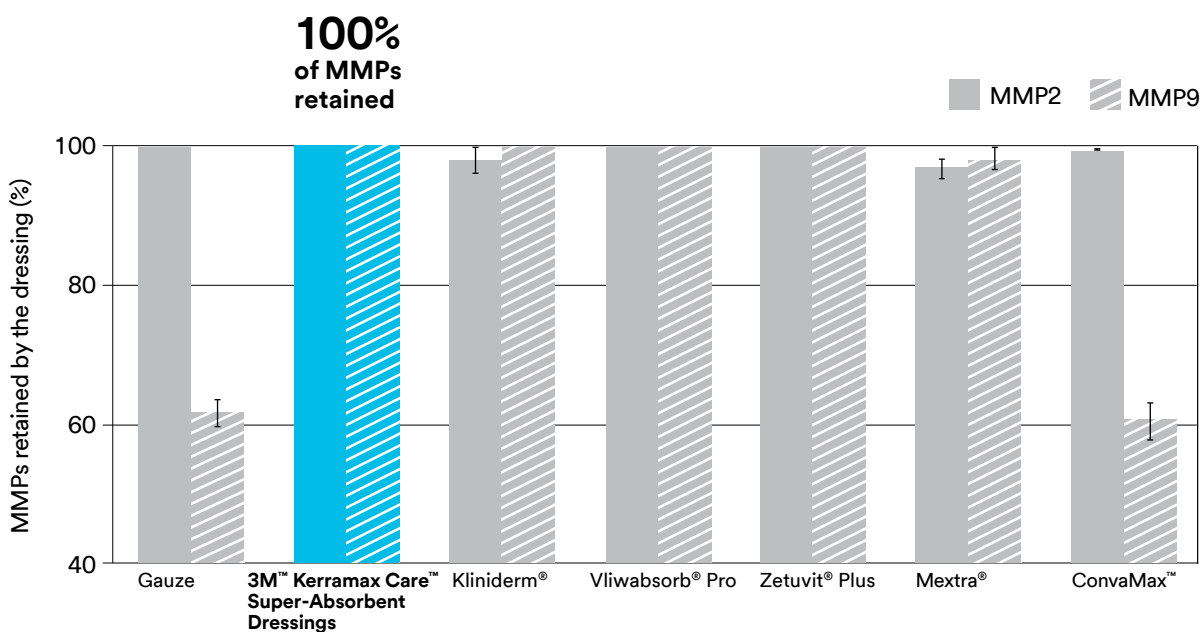
Scanning electron microscope image of the outer layer of Kerramax Care Dressing following application of bacteria demonstrating effective sequestration away from the wound contact layer.^{8*}



Because 3M™ Kerramax Care™ Super-Absorbent Dressings lock away exudate, even under pressure,^{7*} they are also effective at locking away bacteria and MMPs present in wound fluid, which can delay wound healing. 3M™ Exu-Safe™ Technology keeps these threats away from delicate wound tissue, wound edges and healthy surrounding skin.

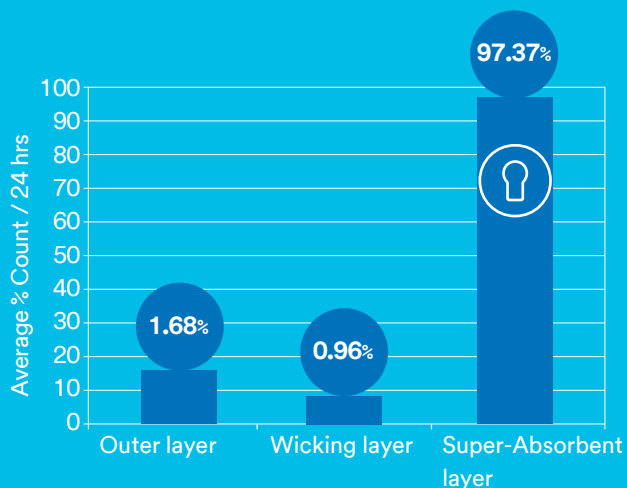
Sequestration of MMPs^{9*}

Samples of dressings were incubated with MMP2 or MMP9. After four days, the dressing samples were saturated and the MMPs released from the dressings were quantified.



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Bacterial sequestration distribution of MRSA* in Kerramax Care Dressings.^{1*}



98.33%
of MRSA was
**locked inside the
dressing and away
from the wound^{1*}**

*As demonstrated *in vitro*

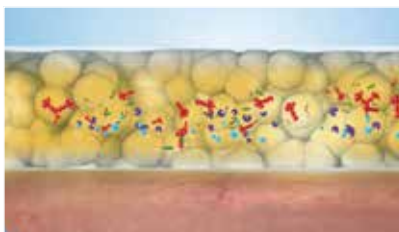
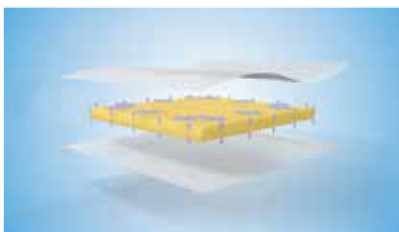
Demand

2

High absorption and protection for patients

All wounds produce exudate to help repair and heal damaged tissue. However, in non-healing, chronic wounds, excessive exudate production can be a problem. Whether exudate is serous or viscous, the combination of a unique horizontal wicking and 3M™ Exu-Safe™ Technology ensures high fluid absorption and retention,⁴ even under compression.^{7*} For the patient, this reduces the risk of maceration.

3M™ Kerramax Care™ Super-Absorbent Dressings minimise this risk in three ways:



1. Horizontal wicking system, ensures exudate is absorbed evenly throughout the dressing, with no gel blocking⁶, which can lead to leaks.


2. High fluid absorption and retention capacity, to help lock bacteria and MMPs in the dressing's core^{1*}, away from the wound.


3. Heat-sealed border, to prevent exudate leakage from the dressing^{7*} and keep the dressing strong and intact.




Safely contain potential threats from chronic wound fluid

Kerramax Care Dressings offer an advanced method of absorbing fluid from wounds utilising the Exu-Safe Technology built into the dressing's core.

 Locks away exudate to protect delicate wound tissue and surrounding skin.⁴

 Locks away the transmission risk of infection^{2*} in chronic wounds.

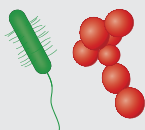
 Locks away harmful components of chronic wound fluid - especially bacteria.^{1*}

Fluid



Can cause maceration if exudate comes into contact with peri-wound skin.

Bacteria

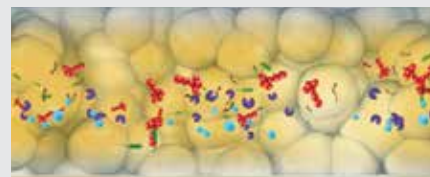


The presence of bacteria increases the risk of wound infection which can result in delayed healing.

MMPs



Can contribute to delayed healing and wound edge breakdown.



Locks away bacteria from the wound bed.^{1*}

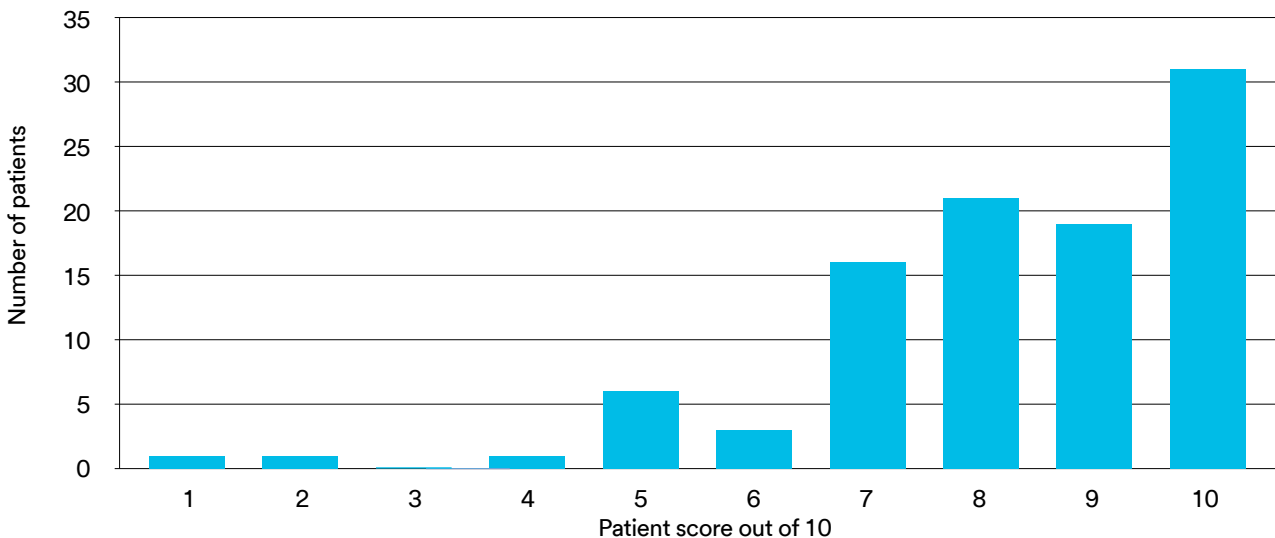
*As demonstrated *in vitro*

Dressings to support 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 treatment.⁴ Kerramax Care Dressings are designed for patient comfort. Their non-woven material is soft on skin and remains dry to the touch, due to Exu-Safe Technology.

Patient experience: patient comfort

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



Patients

71%

Scored the dressing between 8-10 highlighting a **high level of comfort** and **positive patient experience**.⁴



Clinicians

98%

Would use Kerramax Care Dressings as their **first choice**⁴ for the **management of highly exuding wounds**.



Kerramax Care Dressings at a glance



Absorbs and retains high levels of exudate^{7*}



Soft, conformable and foldable⁴



Sequesters bacteria^{2*} and MMPs^{3*}



Easy to apply⁴ (using either side)



Can be used under all forms of compression^{5,7*}



Can be left in place for seven days





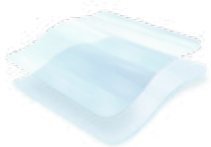


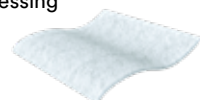

*As demonstrated *in vitro*

Ordering information

3M™ Kerramax Care™ Super-Absorbent Dressing

Size	Dressing per Box	Product Code
5 cm x 5 cm	10	PRD500-025
6.5 cm x 8 cm	10	PRD500-065
10 cm x 10 cm	10	PRD500-050
10 cm x 10 cm (bulk pack)	50	PRD500-050-B50
10 cm x 22 cm	10	PRD500-120
10 cm x 22 cm (bulk pack)	50	PRD500-120-B50
13.5 cm x 15.5 cm	10	PRD500-100
20 cm x 22 cm	10	PRD500-240
20 cm x 22 cm (bulk pack)	30	PRD500-240-B30
20 cm x 30 cm	10	PRD500-380-B10
20 cm x 30 cm (bulk pack)	30	PRD500-380-B30
20 cm x 50 cm	10	PRD500-600-B10
21cm x 23 cm (multisite)	5	PRD500-300

Expertise along the exudate management continuum

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

To learn more about the benefits of 3M™ Kerramax Care™ Dressings contact your local 3M sales representative

References

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- Singh, G. & Thomason, H. Sequestration of matrix metalloproteinases (MMPs) by superabsorbent wound dressings. KCI. CHC R1042 (*in vitro*). University of Manchester & KCI Knutsford, UK. 2020.

Note: Specific indications, contraindications, warnings, precautions and safety information exist for these products and therapies. Please consult a clinician and product instructions for use prior to application. Rx only.



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