

Mölnlycke® prevention story started in 2007 with the launch of our first shaped dressing – Mepilex® Border Sacrum.

The latest Mepilex Border Sacrum and Mepilex Border Heel launched in 2017 brought improved handling and coverage of at risk sacrum and heel areas⁷.

Mepilex Border Flex launched in 2017 introduced new standards in conformability and protection of other at risk areas^{3,4,6}.

Mölnlycke's pressure injury prevention portfolio now includes:

- Mepilex Border Sacrum, Mepilex Border Heel and Mepilex Border Flex dressings
- Z-Flo® Fluidized Positioners
- Z-Flex® Fluidized Heel Boot
- Tortoise® Turning & Positioning System

References: 1. Levy A, Gefen A. Assessment of the biomechanical effects of prophylactic sacral dressings on tissue loads: A computational modeling analysis. *Ostomy Wound Management* 2017;63(10):48-55. 2. Levy, A., Frank B.M., Gefen, A. The biomechanical efficacy of dressings in preventing heel ulcers. *Journal of Tissue Viability* 2015. Available from: doi: 10.1016/j.jtv.2015.01.001. Epub 2015 Jan 19. 3. Mölnlycke Health Care. Mepilex® Border Flex Product Manual – Conformability. 4. Mölnlycke Health Care. Mepilex® Border Flex – External data – FEM simulations. Report no. PD-529747. Data on file PD-528870. 5. Gefen, A. Expert opinion on pressure injury risks in the OR. August 2019. 6. FE simulation of PUP at the iliac crest in OR with Mepilex Border Flex Mölnlycke Health Care, Data on File 2019. 7. Davies, P. User evaluation of interface dressings for pressure ulcer prevention. Mölnlycke Health Care 2017. Data on file.

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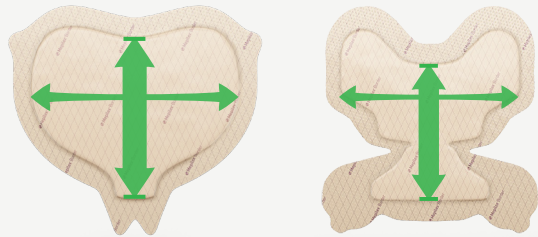
Pressure injury prevention with Mepilex® Border dressings



Mepilex® Border Sacrum
Mepilex® Border Heel
Mepilex® Border Flex
Mepilex® Border Flex Oval



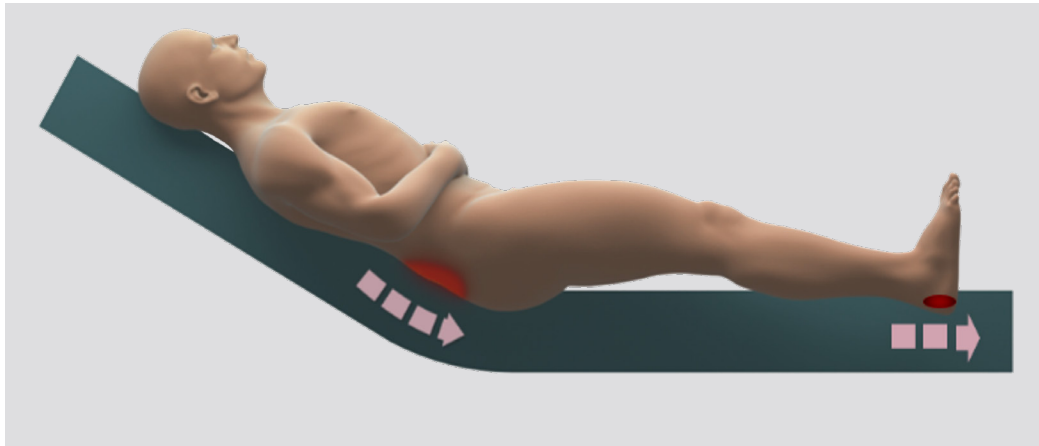
Mepilex® Border Sacrum and Mepilex® Border Heel with Deep Defense® technology



SafetaC
TECHNOLOGY

Deep Defense® technology provides **strength** in the patient sliding direction and **flexibility** in the lateral direction^{1,2}

When a patient lies in bed and the head of bed is elevated, sliding in one direction causes tissue deformation^{1,2}.



Mepilex® Border Sacrum and Mepilex® Border Heel with proprietary **Deep Defense® technology** can help protect against these specific injuries as they provide additional protection in the patient sliding direction^{1,2}.

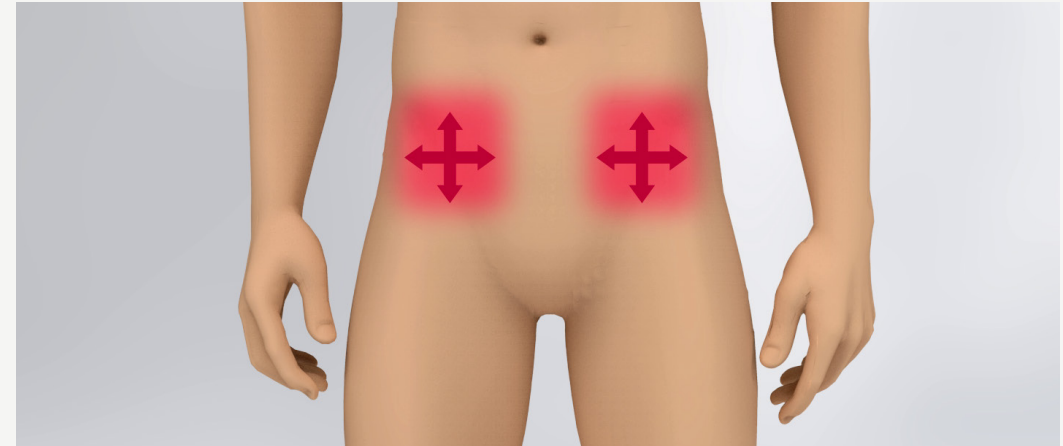
Mepilex® Border Flex with Flex Technology



SafetaC
TECHNOLOGY

Flex Technology allows movement in all directions and improves dressing **conformability**, reducing skin stress^{3,4}

In other anatomic areas at risk of Pressure Injuries (PIs) - e.g. during prone positioning – the extrinsic forces acting on soft tissues are more multidirectional⁵.



Recent computer modelling has shown that the Mepilex® Border Flex dressing with proprietary **Flex Technology** can reduce high stresses by up to **70-80%** in soft tissues over the iliac crest when exposed to multidirectional forces⁶.

Mölnlycke® Pressure Injury Prevention portfolio

Supine positioning

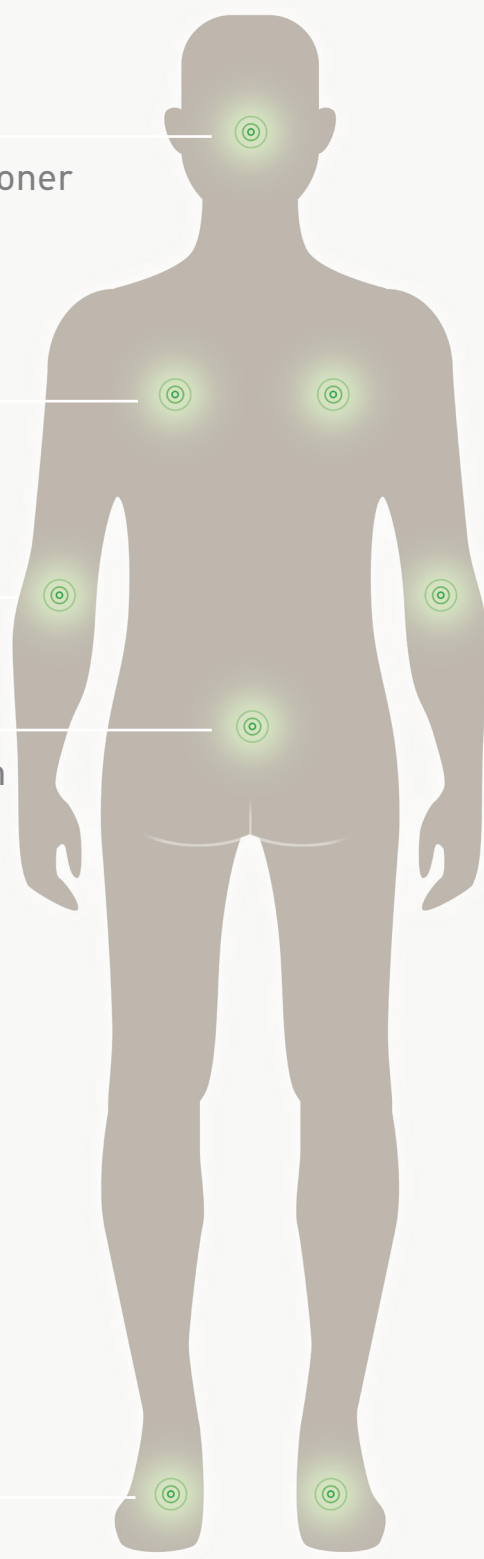
OCCIPUT
Z-Flo® Fluidized Positioner
or
Mepilex® Border Flex

SCAPULA
Mepilex Border Flex

ELBOW
Mepilex Border Flex

SACRUM
Mepilex Border Sacrum

HEEL
Mepilex Border Heel
or
Offload:
Z-Flo Fluidized Positioner
Z-Flex® Heel Boot



Prone positioning

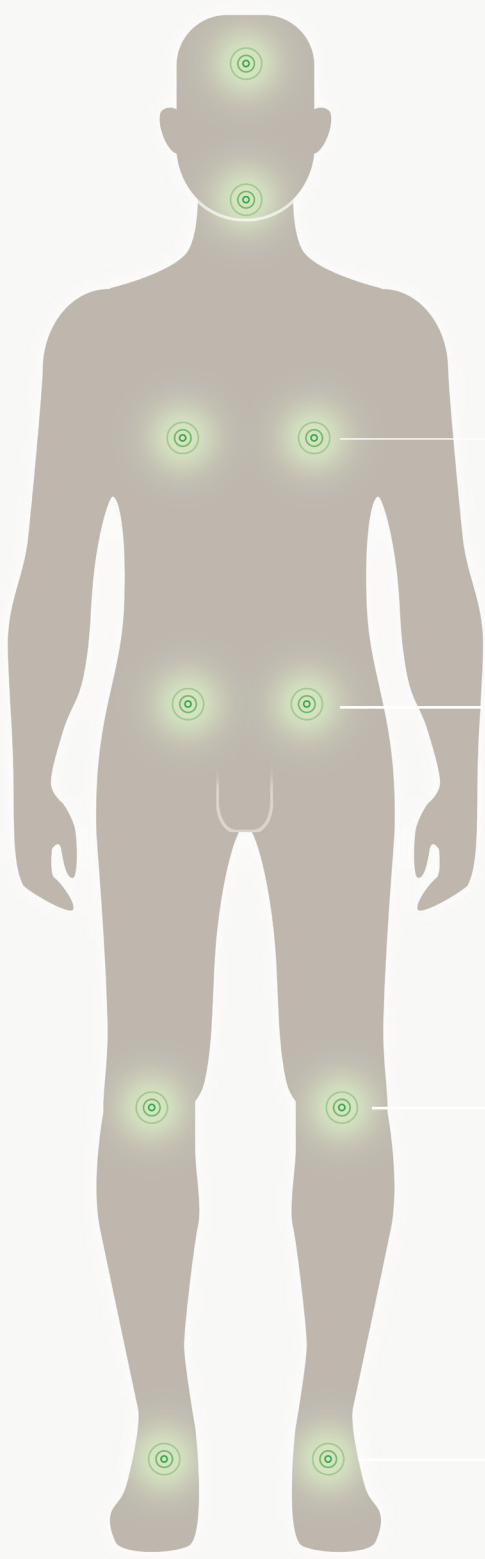
FOREHEAD and CHIN
Mepilex Border Flex Oval

CHEST
Mepilex Border Flex

ILIAC CREST
Mepilex Border Flex

KNEE
Mepilex Border Flex

DORSUM of FOOT
Mepilex Border Flex



For sacrum and heel use



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TECHNOLOGY

Mepilex Border Sacrum

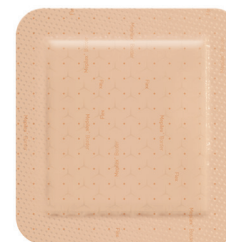


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Mepilex Border Heel

With proprietary Deep Defense® technology

For other anatomic areas use



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Mepilex Border Flex



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Mepilex Border Flex Oval

With proprietary Flex Technology

Did you know?

We also have
Tortoise® Turning & Positioning System
for continuous offloading
of the sacrum in supine
positioning



Z-Flex Heel Boot and Z-Flo Fluidized Positioners
For offloading of the heel and other body parts

