

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 areas<sup>7</sup>.

Mepilex® Border Flex launched in 2018 introduced new standards in conformability and protection of other at risk areas<sup>3,4,6</sup>.

Mölnlycke's pressure ulcer 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 and positioning system
- Mölnlycke® Advantage education and support services

**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.

Find out more at [www.molnlycke.com](http://www.molnlycke.com)

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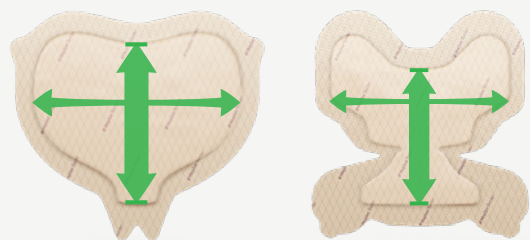
# Pressure ulcer prevention with Mepilex® Border dressings



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

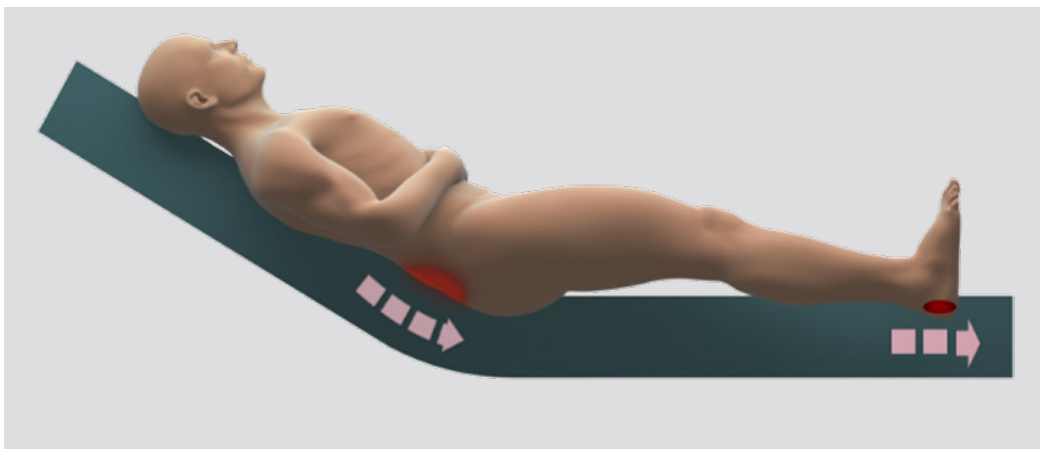


## Mepilex® Border Sacrum and Mepilex® Border Heel with Deep Defense® technology



**Deep Defense® technology** provides **strength** in the patient sliding direction and **flexibility** in the lateral direction<sup>1,2</sup>

When a patient lies in bed and the head of bed is elevated, sliding in one direction causes tissue deformation<sup>1,2</sup>.



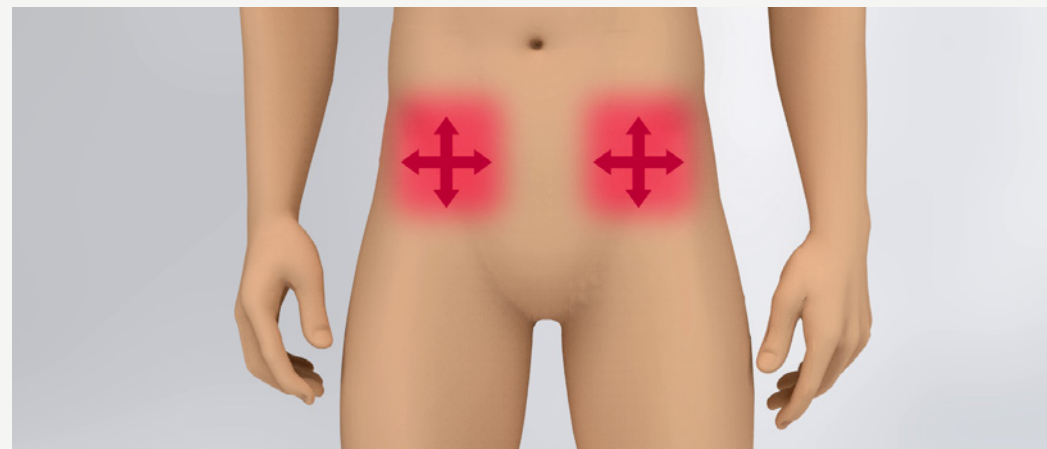
Mepilex® Border Sacrum and Mepilex® Border Heel with proprietary **Deep Defense® technology** can help protect against these specific injuries as they provide additional protection in the patient sliding direction<sup>1,2</sup>.

## Mepilex® Border Flex with Flex Technology



**Flex Technology** allows movement in all directions and improves dressing **conformability**, reducing skin stress<sup>3,4</sup>

In other anatomic areas at risk of PUs - eg during prone positioning – the extrinsic forces acting on soft tissues are more multidirectional<sup>5</sup>.



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 forces<sup>6</sup>.

# Mölnlycke® Pressure Ulcer Prevention portfolio

## Supine positioning

## Prone positioning

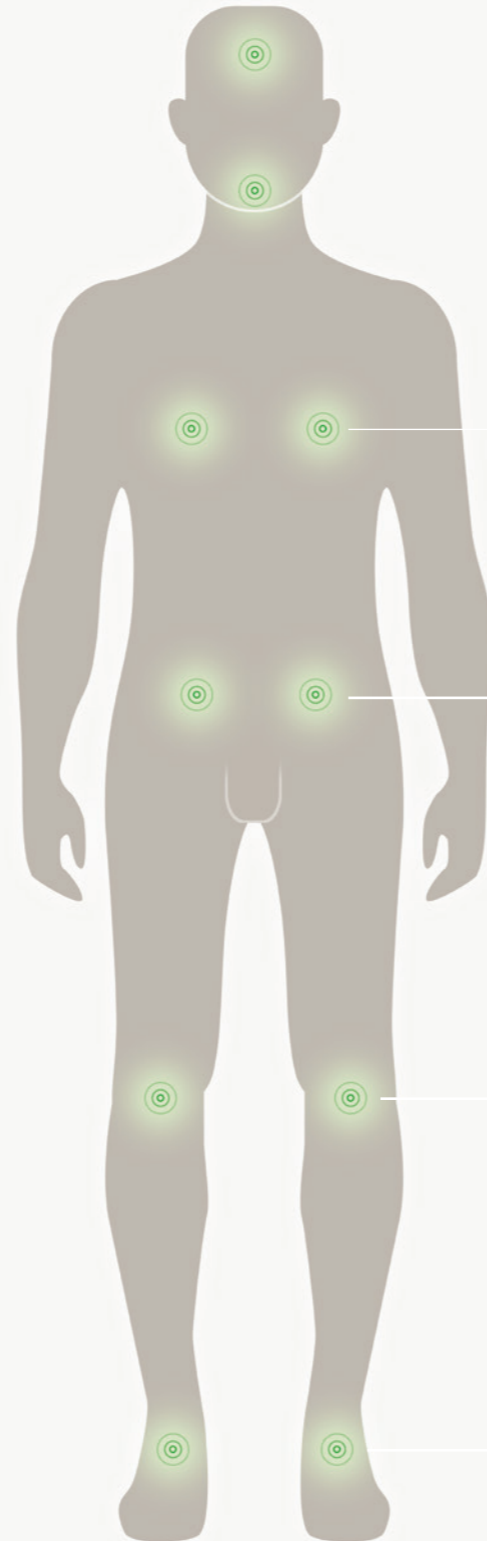
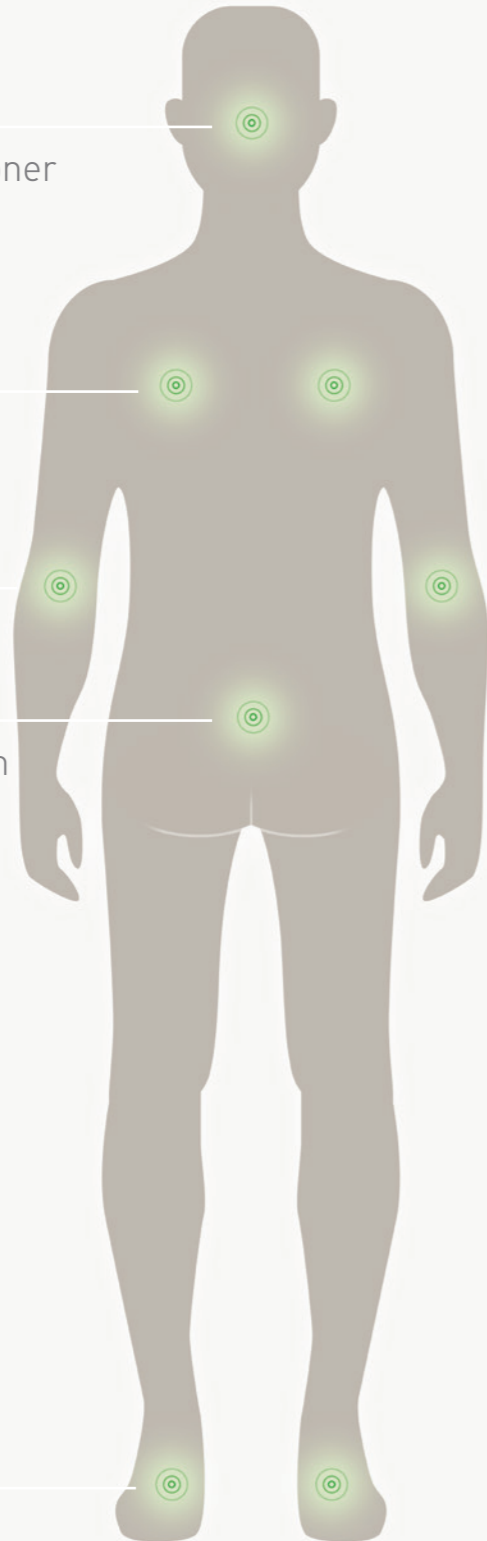
**OCCIPUT:**  
Z-Flo® Fluidized positioner  
or  
Mepilex® Border Flex

**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



**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



Mepilex® Border Sacrum and Mepilex® Border Heel  
With proprietary Deep Defense® technology

### For other anatomic areas use



Mepilex® Border Flex and 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 extremities