Use of the Mepilex Border Family for Pressure Injury Prevention

Mepilex® Border Sacrum

Mepilex® Border Heel

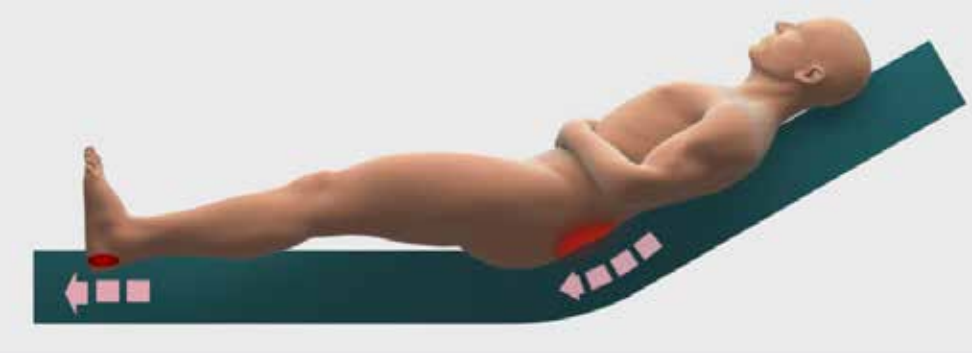
Mepilex® Border Flex

Mölnlycke®

For Sacrum and Heel—Use Deep Defense Dressings

In contrast to other anatomic areas of high risk, **sacral and heel injuries originate due to increased forces that occur largely in the direction of patient sliding, when the patient head of bed is elevated.**

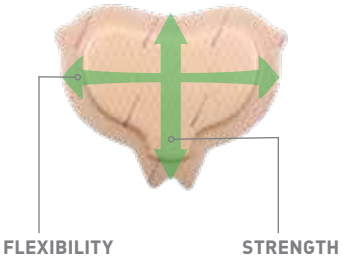
Therefore, Mepilex® Border Sacrum and Heel with proprietary Deep Defense™ technology are uniquely effective in protecting against these specific injuries as they provide additional protection in the patient sliding direction compared with other dressings available today.[1] **For this reason, Mölnlycke recommends Mepilex Border Sacrum and Heel for pressure injury prevention over sacrum and heels.**



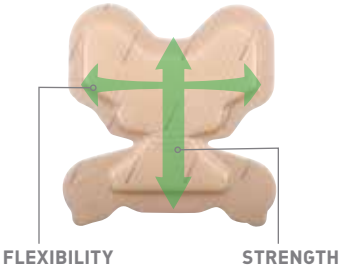
Heel Sacrum

High forces, specifically in the direction of sliding

Mepilex Border Sacrum



Mepilex Border Heel

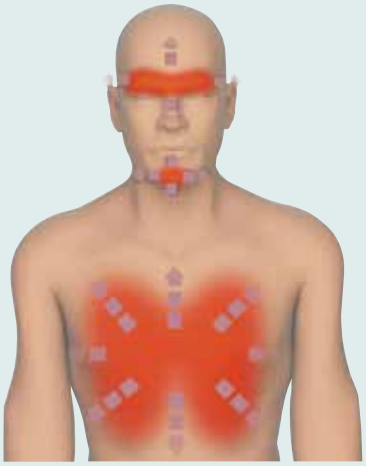


Optimal balance of strength and flexibility

For Other Anatomic Areas—Consider Mepilex Border Flex

As a five-layer, bordered foam dressing, Mepilex Border Flex can provide a protective effect on anatomic areas at risk of pressure injuries.

For example, during prone positioning in the OR, the extrinsic forces acting on soft tissues are multidirectional and dependent on patient positioning.[2] In such cases, Mepilex Border Flex can be used to protect the tissues from deformations that can lead to pressure injuries.



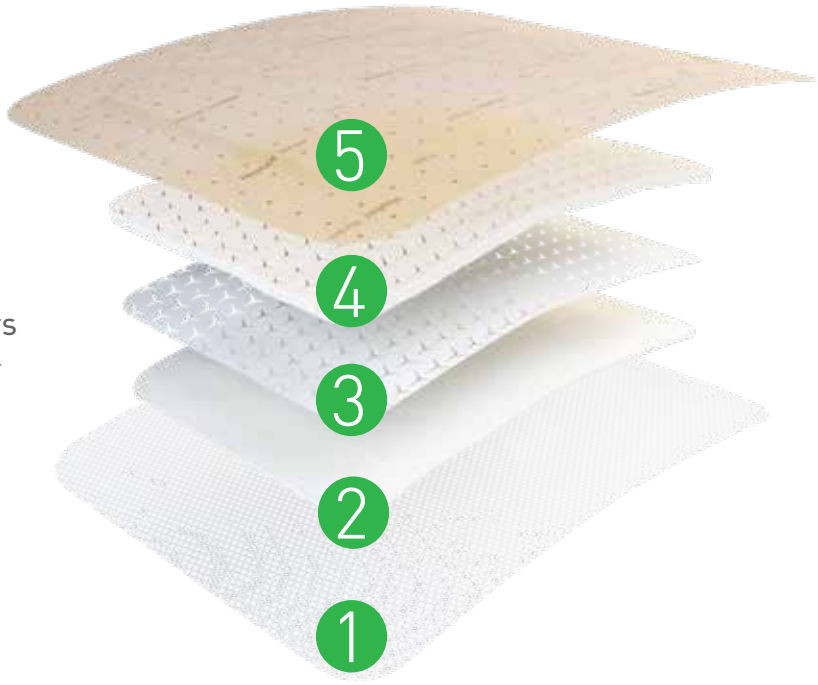
Extrinsic forces on various soft tissues (excluding sacrum and heel) tend to be multidirectional in nature e.g. during prone positioning

The unique five-layer design of the Mepilex Border family

While Deep Defense technology contributes towards the prevention benefits of Mepilex Border Sacrum and Heel, it is not the only property of the dressing making it effective in PIP.

In fact, the material composition of the five layers of Mepilex Border dressings and how each layer interacts with each other in compression and shear are also key reasons why our products are so effective at reducing pressure injury.

In this aspect, five-layer Mepilex Border dressings, including Flex, Border, Sacrum and Heel, share the same material composition that distinguishes them from other dressings on the market, with the difference being that Mepilex Border Flex has flex cuts within the material itself.



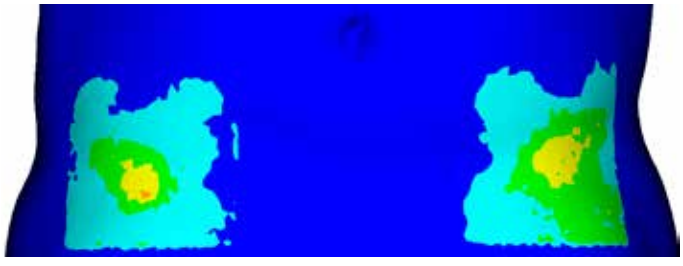
Mepilex Border Flex offers effective protection

During finite element modeling, **Mepilex Border Flex shows significant ability to reduce peak high stresses** when applied to a patient lying in prone position.[3]

UP TO
70-80%
REDUCTION IN VOLUMES OF TISSUE UNDER PEAK STRESS[3]

Without Dressing

With Mepilex Border Flex



Images show stresses in the soft tissue at the iliac crest in a patient in prone position. Red indicates areas of high stresses.

Ordering information

Mepilex Border Sacrum*

Product Code	Size	Pcs/box	Pcs/case	HCPCS
282055	6.3″x 7.9″ (16 x 20 cm)	10	50	A6213
282455	8.7″x 9.8″ (22 x 25 cm)	10	40	A6213

Mepilex Border Heel*

Product Code	Size	Pcs/box	Pcs/case	HCPCS
282790	8.7″x9.1″ (22 x 23 cm)	10	30	A6210

Mepilex Border Flex*

Product Code	Size	Pcs/box	Pcs/case	HCPCS
595200	3″ x 3″ (7.5 x 7.5 cm)	5	50	A6212
595300	4″ x 4″ (10 x 10 cm)	5	50	A6212
595400	6″ x 6″ (15 x 15 cm)	5	50	A6213
595600	6″ x 8″ (15 x 20 cm)	5	50	A6213

References: **1.** Finite element analysis studying the effect of different prevention dressings on protecting soft tissues from high stresses and deformation. Mölnlycke Health Care. Data on file 2019. **2**. Gefen, Amit: expert opinion provided via consultation on pressure injury risks in the OP. August 9, 2019. Tel Aviv, Israel. **3.** FE simulation of PUP at the iliac crest in OR with Mepilex Border Flex. Mölnlycke Health Care. Data on file. 2019

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