

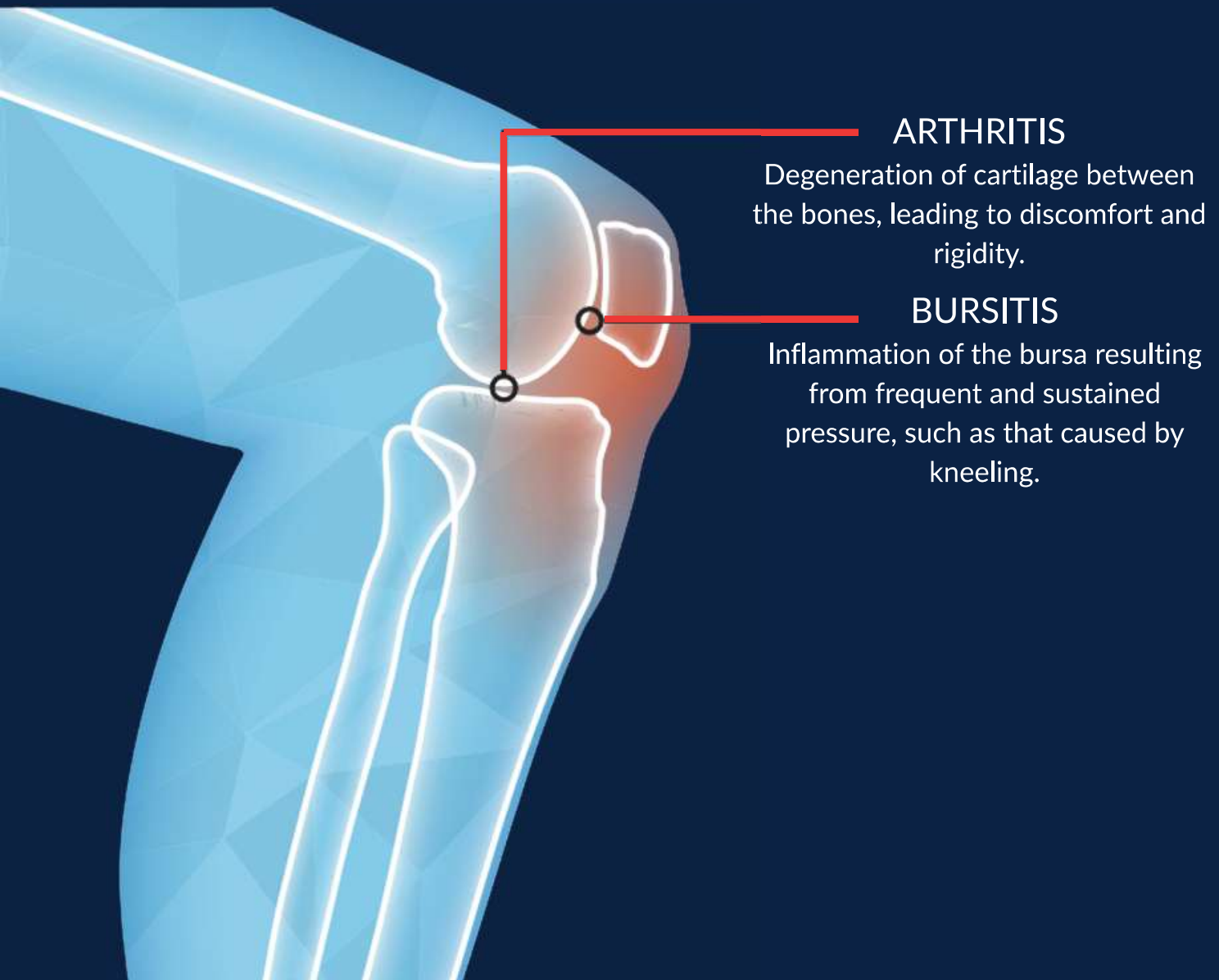
# ultraknee FODITEC™

## Knee resilience



Our patented Foditec™ technology lowers peak pressure by as much as 60%.

# The issue of knee overload



## The risk associated with kneeling for four hours each day.

Research indicates that kneeling elevates the risk of osteoarthritis by 84%. For every 5,000 hours spent kneeling, the likelihood of developing knee osteoarthritis rises by 26%. With an average of 4 hours of kneeling each day over a 5-day workweek, the risk of knee osteoarthritis after 20 years of employment is comparable to that of individuals with obesity.

# Discover the new benchmark in knee protection.

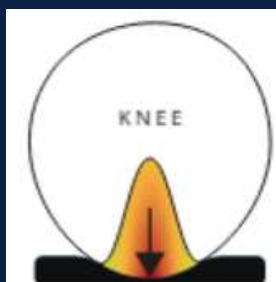
Every day, construction, logistics, and industry professionals endure significant stress on their knees. Prolonged kneeling can result in pain, fatigue, and even irreversible damage. Our knee protectors, featuring the patented Foditec™ spring, lower peak pressure while providing unparalleled comfort and protection.

## STANDARD FOAM KNEE PADS

- Limited pressure surface
- Elevated peak pressure
- The effectiveness of the protector diminishes over time.



Foam compresses readily, leading to elevated peak pressures across a limited contact area.



Elevated peak forces on a limited surface area

## ULTRAKNEE PROTECTORS FEATURING FODITEC™

- 960% larger pressure surface
- 33% reduction in peak forces
- Enduring resilience

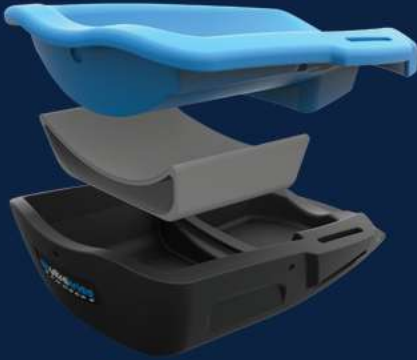


Our patented technology envelops the knee, evenly distributing pressure across a broader surface area.



The pressure is disseminated across a broader surface area.

# Why opt for our knee pads?



Patented Foditec™ spring – Enhances pressure distribution and alleviates stress on the knees.



Award-winning ergonomic design – crafted by motion technologists. Enduring comfort without limitations.



Cost reduction – Decreased injuries, enhanced productivity, and reduced absenteeism.



Water-repellent - no more damp, cold knees.



Durable and Wear-Resistant – High-quality materials. Puncture-resistant.



Universal fit



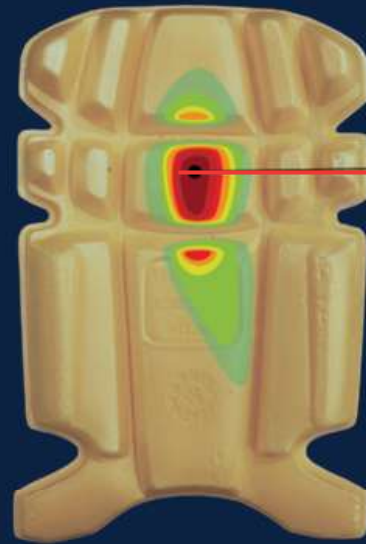
# Peak pressure test outcomes

Ultraknee Hammock 1



4,8KG

Standard knee patch  
(work trousers)



9.6KG

Ultraknee Hammock 2



3.7KG

Standard knee  
guard



8,5KG

# Assortment



## **Ultraknee Hammock 2 Recommended retail price: €69.95**

The professional knee protector designed for extended use on the knees. The ergonomic design and internal spring mitigates high peak forces and ensures a comfortable fit throughout the day. Soft and comfortable EVA that repels water - even pressure distribution provided by the Foditec™ spring that conforms to the knee - highly durable.



## **Ultraknee Hammock 1X Recommended retail price: €59.95**

Whether you work on your knees for extended periods or only occasionally, the Hammock 1X, with its lightweight design, durable bottom, and exceptional comfort, is ideal for all construction professionals.

Soft neoprene rubber featuring a three-dimensional woven mesh. Superior pressure distribution facilitated by a flexible Foditec™ spring that adapts to the knee.



## **Ultraknee Hammock 1 Recommended retail price: €34.95**

Our versatile solution for work trousers. With its compact dimensions and lightweight design, the Hammock 1 offers exceptional comfort. This makes the Hammock 1 ideal for tasks and environments that require frequent changes in posture.

Soft neoprene rubber featuring a three-dimensional woven mesh - superior pressure distribution facilitated by a flexible Foditec™ spring - constructed from durable EVA that adapts to the knee.



## **Accessories**

<b>Elastic Bands Hammock 1X</b>	<b>€10,95</b>
<b>Elastic Bands Hammock 2</b>	<b>€10,95</b>
<b>Click Bands Hammock 2</b>	<b>€15,95</b>
<b>Protective Caps Hammock 2</b>	<b>€15,95</b>

**All prices exclude VAT.**

# Happy users



Pavers



Roofers



Carpenters



Floor layers



Plumbers



Gardeners



Tilers



Masons



Electricians



Mechanics



Painters



Welders

and many more...

"Since our employees began using these knee pads, we have observed a reduction in complaints and an increase in productivity." – Jon Barton, Boudicca's Gardeners, Hilversum.



Foditec™  
Demonstration Video



Video test outcomes

For further inquiries, please reach out to us:  
Ultraknee/Triple Stone Workwear BV  
Rotterdamseweg 402M, Delft, Netherlands

 [nicolaas@ultraknee.nl](mailto:nicolaas@ultraknee.nl)

 +31630552008

 [www.ultraknee.nl](http://www.ultraknee.nl)

Developed in partnership with: