

HKS[®]
FIT FOR WORK



CROSSMAX

HKS[®] Safety shoes according to EN ISO 20345

CROSSMAX COLLECTION

Standard Equipment

Technical Features

- Highest slip resistance according to SR
- Ergonomically shaped protective toe cap for more toe freedom
- Abrasion-resistant PU overcap to protect the upper material
- ESD certification according to DIN EN 61340
- Antistatic
- Oil & fuel resistant outsole (FO)
- Vegan
- Pull-on loop
- Clamping hook
- Water-repellent upper material
- Water-repellent dust protection flap
- Lightweight for high performance
- Optional: Metatarsal protection for maximum safety

Sustainability

- Made in Germany
- Insoles made of up to 76% recycled materials
- Fair, ecological and socially responsible supply chain
- Use of OEKO-TEX® certified materials
- Outsole made from our own recycled TPU surplus
- Upcycling of PU surplus
- 100% recyclable, environment-friendly packaging

Comfort

- POWER FOAM for optimal cushioning and energy return
- Ergonomically shaped toe protection cap
- No irritating seams for maximum comfort
- Collar padding and softly padded upper cuff
- Softly padded tongue for a comfortable fit
- Reinforced rear cap to protect the Achilles tendon
- Heel slip strap against premature wear
- Ergonomic fit for a perfect and comfortable fit
- Cool Mesh functional lining for perfect foot climate
- Insole with comfortable soft bedding
- Cool Dry Climate Technology for maximum breathability

Health & Orthopaedics

- Orthopaedically adjustable in accordance with DGUV regulation 112-191
- Multi-Support-Insole-System
- Optional: Multi-Width-Insole-System

EXPLORER GREEN

Art. No. 834112



Data Sheet



Safety class
Upper material
Toe protection cap
Outsole
Penetration resistance
Sizes

S3S SR CI HI FO
Nanotech (smooth)
Metal (Steel)
TPU/PU
Textile/Kevlar (T-527)
Men (39-48)

PIONEER GREEN

Art. No. 834092



Data Sheet



Anti-twist protection

Safety class
Upper material
Toe protection cap
Outsole
Penetration resistance
Sizes

S3S SR CI HI FO
Nanotech (smooth)
Metal (Steel)
TPU/PU
Textile/Kevlar (T-527)
Men (39-48)

EXPLORER BLACK BOA®

Art. No. 834102



Data Sheet



BOA®

Safety class
Upper material
Toe protection cap
Outsole
Penetration resistance
Sizes

S3S SR CI HI FO
Nanotech (smooth)
Metal (Steel)
TPU/PU
Textile/Kevlar (T-527)
Men (39-48)

PIONEER BLACK BOA®

Art. No. 834082



Data Sheet



Anti-twist protection

Safety class
Upper material
Toe protection cap
Outsole
Penetration resistance
Sizes

S3S SR CI HI FO
Nanotech (smooth)
Metal (Steel)
TPU/PU
Textile/Kevlar (T-527)
Men (39-48)

NAVIGATOR PXT

Art. No. 834232



Data Sheet



New styles



Safety class
Upper material
Toe protection cap
Outsole
Penetration resistance
Sizes

S7S SR CI HI FO
Nanotech (smooth)
Metal (Steel)
TPU/PU
Textile/Kevlar (T-527)
Men (39-48)

ADVENTURE PXT

Art. No. 834242



Data Sheet



Anti-twist protection

New styles



Safety class
Upper material
Toe protection cap
Outsole
Penetration resistance
Sizes

S7S SR CI HI FO
Nanotech (smooth)
Metal (Steel)
TPU/PU
Textile/Kevlar (T-527)
Men (39-48)

TECHNOLOGY

P X T - M E M B R A N E

The innovative Phalanx technology ('PXT') sets new standards in the performance of safety footwear with a membrane. The new PXT membrane takes waterproofness to a whole new level. The newly developed, progressive PXT membrane concept enables 100% waterproofness without compromising on breathability and comfort. The result: dry and pleasantly tempered feet as well as permanently lightweight shoes all day long – even in extremely wet and damp conditions.

Structure of the PXT membrane

We have designed our safety shoes with PXT membrane in such a way that three water-repellent layers provide guaranteed protection against penetrating wetness and moisture.

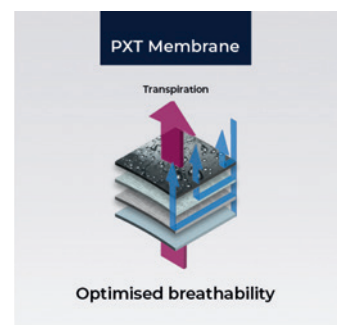
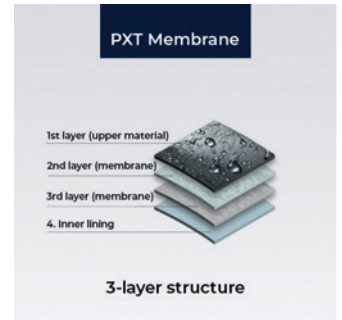
1st layer: The first layer consists of our Nanotech upper material, which already has excellent water-repellent properties and easily achieves 'WRU' certification.

2nd layer: In addition, we have applied a first membrane directly to the inside of the upper material. The direct lamination on the inside of the upper material blocks water and other liquids directly on the outer shell, drastically minimising drying times and moisture-induced weight gain of the shoes. The result: the shoes would already be 'WR' or 'S7S' certifiable.

3rd layer: To guarantee 100% protection against cold and water, we have added a second membrane to the inner lining to protect the foot from moisture and wetness. This provides long-lasting protection, especially if the first two layers of protection are overcome by external damage or ageing. The two membrane layers lie directly on top of each other, so that protection against penetrating moisture as well as the optimum removal of moisture from the inner shoe is guaranteed.

How the PXT membrane works


The direct connections of the protective layers reliably prevent the formation of any cavities between the upper material and the membranes, in which water or other liquids can remain – as is the case with conventional membrane shoes with a so-called 'inner sock construction'. In addition, with our PXT membrane-equipped safety shoes you get the comfort you are used to, as there is no need to use the space-intensive inner sock construction. Thanks to the perfectly harmonised insulation, the shoes can be worn indoors and outdoors in both cold and normal temperatures, even in winter.








i Discover the innovative features of the PXT membrane


Our safety shoes with PXT membrane are made for the toughest working conditions and offer reliable protection even after months of continuous use.


- 
100% waterproof and windproof


Guaranteed protection against water and wind thanks to an innovative three-layer structure. The PXT membrane ensures that the shoes remain permanently waterproof and windproof.
- 
Lasting lightness


The shoes remain pleasantly light in extremely wet and rainy conditions because the PXT construction protects the outer shell of the shoe and prevents weight gain due to soaking up water.
- 
Chemical & bacteria protection


The PXT membrane offers protection against viruses and bacteria and is particularly suitable for use in hygienically sensitive indoor areas. The PXT membrane provides reliable protection against everyday chemicals.
- 
Increased comfort

The PXT membrane offers the highest level of comfort because no constricting or heat-accumulating inner sock construction – as is the case with conventional membrane shoes – is used. The direct lamination of the PXT membrane on the inside of the upper prevents any pressure and friction points, reducing the risk of pressure points and blisters.
- 
Sustainable and environmentally friendly

Our PXT membrane is 100% recyclable, OEKO-TEX® certified and free of harmful substances (PTFE-free).
- 
Long durability

The PXT membrane offers long-lasting protection: even if the first barriers are damaged, the additional membrane on the inner lining continues to protect against moisture and humidity.
- 
Optimized breathability

The direct connection between the upper material and the PXT membrane ensures that there is more dry air between the foot and the shoe, keeping the feet at a comfortable temperature and drastically reducing condensation caused by perspiration.
- 
No chilling effects

The PXT membrane provides thermal protection and prevents any cold bridges and cooling effects. The PXT membrane also reduces heat loss in wet and humid conditions.
- 
Quick-drying

The double membrane system prevents water and other liquids from penetrating the shoe. The PXT membrane ensures faster drying times compared to safety shoes with conventional membranes because moisture dries quickly on the outside of the shoe.



Learn more about PXT membrane

HKS®



FIT FOR WORK

ABOUT HKS®



Highest Quality



Made in Germany



Sustainable Production



First Class Service



Innovative Design



Partnership



Internationality



Commitment



Learn more about HKS®, our values, and our commitment to sustainability, diversity and social issues.



Location

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