

TACTICAL GORE-TEX® EXTENDED COMFORT FOOTWEAR

Daily duty footwear for the police – comfortable and lightweight

Today police forces have to deal with a varied range of different tasks. The everyday work of police officers takes them both indoors and outdoors. Periods of high physical activity are followed by periods of low activity, or vice versa. Daily duty footwear must therefore be designed to meet these different needs. Policing tasks in urban areas call for boots and shoes that promote agility and offer effective climate comfort without compromising on durable waterproofness. The Tactical GORE-TEX® Footwear collection with Extended Comfort Technology successfully fulfils these requirements.

GORE-TEX® Extended Comfort Footwear – a new class of climate comfort

At the core of this new line of daily duty footwear is the GORE-TEX® Extended Comfort Laminate: an exceptionally thin 3-layer laminate that comes without insulation. The construction consists of a highly abrasion resistant textile lining material, the microporous GORE-TEX® membrane made of expanded polytetrafluoroethylene and a protective knit.

GORE-TEX® Extended Comfort Laminates are therefore highly breathable and recognised for their outstanding heat loss. This means that the wearer's feet continue to be durably protected from water whilst any sweat that is produced inside the shoe can escape even faster.

Functionality made easy

The Extended Comfort Technology used in Tactical GORE-TEX® Footwear is carefully combined with selected upper materials and lining materials. This produces police footwear that puts in a superior performance in urban areas. The boots and shoes are lightweight, sporty, durably waterproof and extremely durable. Through effective climate management they make sure that there is a pleasant climate inside the shoe even at elevated temperatures and high levels of activity.



GORE-TEX®
PRODUCTS



Performance that exceeds the standard

Daily duty footwear has to provide a minimum level of functionality and safety. Tactical GORE-TEX® Footwear is certified in accordance with EN ISO 20347:2012 and has received CE marking approval.

This footwear therefore fulfils all the applicable conformity assessment procedures. In fact, it far exceeds the minimum requirements of the standard.

Waterproofness

According to standard EN ISO 20344:2011*, that specifies methods for testing footwear, waterproofness is to be measured after only 4,800 flex movements in sole-high water.

According to Gore's own standards, Tactical GORE-TEX® Footwear has to withstand 300,000** flex movements in ankle-high water. Whereas EN ISO 20344:2011 allows a water penetration of up to 3 cm², Gore does not allow any, not even after 300,000 flex movements.

Breathability

The shoe materials used in Tactical GORE-TEX® Footwear achieve a breathability value that is up to six times higher than the values specified in the standard. This translates into significantly better climate comfort for the wearer.

Durability

Tactical GORE-TEX® Footwear is just as good when it comes to durability testing. The GORE-TEX® laminates used in this police footwear have to withstand some 100,000 abrasion movements when dry, four times as many as required by the standard. All this ensures that the footwear lasts longer and maintains its functionality throughout its entire life cycle.

Safety in top form

Tactical GORE-TEX® Footwear reconciles a high level of functionality with a new, urban design. The extremely thin, soft and smooth GORE-TEX® Extended Comfort Laminate, the new leather/textile combinations used in the upper materials and special sole constructions now make it possible to manufacture minimalist footwear styles in modern designs that optimise lightness, promote freedom of movement and still last for longer.

Key features and benefits:

- Durable waterproofness for effective protection against water penetrating from the outside
- Extremely high breathability and outstanding heat loss for enhanced climate comfort, even during periods of high activity or in warmer temperatures
- Tested for safety and certified in accordance with EN ISO 20347:2012 for occupational footwear
- Enhanced wear comfort in everyday use due to the light weight and outstanding freedom of movement – without sacrificing protection and functionality
- Long product life thanks to Gore's quality assurance standards



* According to EN ISO 20344:2011, section 5.15.2.4.8 the shoe is flexed for 80 minutes at a rate of (60+6) flex movements a minute.

** Applies to mid / high cut shoe styles. Low cut shoe styles are tested for 100,000 flex movements.