



## MANGART GTX MID Ws

### LIGHT AND DYNAMIC WITHOUT COMPROMISE

MANGART GTX MID Ws is an all-purpose, impressively light alpine boot. Although it weighs next to nothing, the sporty textile and synthetic upper is at the same time robust and resilient, and is thus able to withstand all the rigours of alpine terrain. The extended two-zone lacing system ensures optimum adjustability right down to the toe area and testifies to the high functional value of the MANGART GTX MID Ws. The same applies for the grippy VIBRAM ALP TRAC® NUMEN sole with its special Climbing Zone for easy rock climbing.



**1** Footwear equipped with a GORE-TEX membrane is reliably waterproof, windproof and breathable.



**2** The forefoot and upper area can be laced in varying degrees of tightness.



**3** Proven Vibram rubber sole from a high-quality provider from Italy.



**4** Increased flexibility of the upper for pleasant walking.

## COLOURS



Anthracite/arctic  
221086 9716

## WEIGHT

1170 g/Pair (UK 8)

## SUITABLE FOR

### Mountain hiking

The MANGART GTX MID Ws is ideal for mountain hiking. This involves a tour in mountainous terrain.

### Ice and mixed climbing

The MANGART GTX MID Ws is ideal for ice and mixed climbing on ice formations or combined terrains consisting of rock and ice.

### Expeditions

The MANGART GTX MID Ws is perfect for expeditions into remote or unexplored regions.

### High-altitude tours

High-altitude tours take adventurers to areas that remain ice-covered throughout the entire year. High-altitude tours require special preparation and equipment like the model MANGART GTX MID Ws.

### Approaches

The approach boot MANGART GTX MID Ws is perfect for the hike to the starting point of the actual via ferrata or climbing tour.

## SOLE

**VIBRAM ALP TRAC®  
NUMEN Ws**



## MIDSOLE

**ca. 80 %**

### Polyurethane (PU)

Polyurethane (PU) is a soft plastic that has very good cushioning properties and is usually used in the midsole as a result.

Through the use of PU, the soles become lightweight and functionally flexible.

**ca. 20 %**

### Thermoplastic polyurethane

Thermoplastic polyurethane (TPU) is like classic polyurethane in many ways. But it differs from it in one special aspect: the process used to produce it. As a result, TPU is more abrasion and slip resistant. It also has a very high degree of kink and tensile strength. Thanks to improved weather resistance, the qualities of a sole made from TPU are more constant even when temperatures fluctuate, an especially important aspect of our leisure-time winter models.

## INSOLE

ca. 50 %

### Viscoelastic latex foam

Viscoelastic latex foam is made of a remarkable polymer that lends a special form memory to the foam. Once body heat or pressure is applied to the viscoelastic foam, the foam adapts exactly to these particular contours. This feature equally distributes pressure and eases stress on the feet.

ca. 40 %

### Polyester

Polyester is synthetic plastic fibre made from crude oil. In chemical terms, it is a polymer that can be processed into many different materials. Thanks to its chemical flexibility, polyester is lightweight, dries quickly, does not shrink and has the highest levels of tear and abrasion resistance.

ca. 10 %

### Mesh

Mesh is a material that consists of many evenly spaced holes. It is usually made of polyester or nylon and basically a lattice-like material that is created by interwoven threads. Thanks to its special design, the man-made fibre is particularly permeable to air, has special moisture-regulating qualities and is easy to care for, breathable and crease-resistant.

## FUNCTIONS



A specially constructed component in the area of the sole tip for precise performance during easy climbs.



The low height of the sole creates stable footing on uneven terrain.



The special design of the toe area enables wearers to climb with precision even on the edges of the smallest rocks.



A cushioning pad has been placed in the heel area to provide the very best comfort.



As a result of its construction, the footwear exhibits a strong resistance to bending.



Lasts specially adapted to the anatomy of women's feet.

## UPPER MATERIAL

ca. 80 %

### Fabric

Our natural and synthetic fabrics facilitate optimal warming and moisture management with the help of their usage-specific characteristics. Thanks to their structural design, they are smooth and make our products extremely comfortable.

ca. 20 %

### Synthetic

Our synthetic fabrics made of such plastics as nylon, polyester, polypropylene and elastane (Lycra) are primarily used as design elements and protection for the upper due to their abrasion resistance and tear strength.

## CRAMPONS



a dasdfsadf asdfa fdadsf  
sdfasdfsdfa sdfasdf  
asdfsad

## PPE REGULATION

Please note that if it is intended to use the purchased products as personal protective equipment in accordance with Art. 3 No. 1 of Regulation (EU) 2016/425 (PPE Regulation), the user is responsible for checking the products for the presence of a corresponding certification (see technical data of the product). If the product lacks a certification required for use as personal protective equipment as defined by the PPE Regulation, the product may not be used as personal protective equipment or only for non-professional purposes.