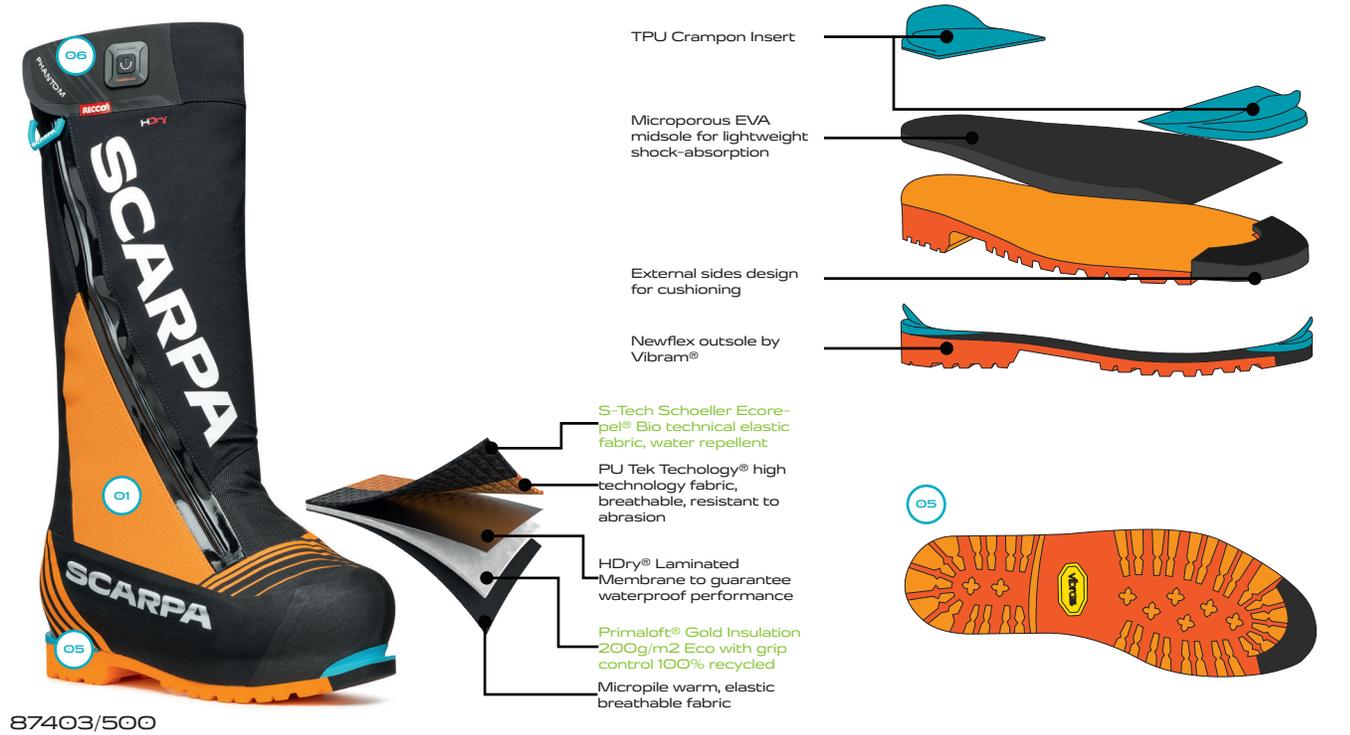


PRODUCT POSITIONING

The Phantom 8000 Thermic HD represents the pinnacle of high-altitude innovation. The first boot to integrate heated insoles, it raises the bar for expedition warmth and comfort. The high volume gaiter, inner shell and removable inner boot combine 18 total layers of technology to deliver an amazing blend of warmth and high-altitude performance. Whether it's a trip to the Himalaya or a polar expedition, when your objective involves serious cold or extreme altitude, the Phantom 8000 Thermic HD is the choice for you.



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FEATURES AND BENEFITS

- 01** **Gaiter:** 5 later system with PU Tek Technology & S-Tech Schoeller fabric backed by HDry & Primaloft Gold Eco technology to keep you warm and dry.
- 02** **Shell:** Microfiber face with 5 layer system featuring WinTherm insulation & aluminum.
- 03** **Liner:** 8-layer system featuring Primaloft Gold Eco, O-Therm, WinTherm and EVA for lightweight warmth.
- 04** **Insole:** Carbon fiber insole with EVA and Aerogel layers for lightweight support & insulation.
- 05** **Outsole:** Vibram sole with Newflex rubber for weight savings and insulation.
- 06** **Thermal System:** First mountaineering boot with an integrated thermal system.

SPECIFICATIONS

- Gaiter:** PU Tek Technology + S-Tech Schoeller + Primaloft Gold Eco + HDry Lamination + Micropile
- Shell:** Microfiber + WinTherm + Aluminum + Micropile + THL5
- Lining:** Primaloft Gold Eco + O-Therm + WinTherm + EVA
- Insole:** Carbon Fiber + EVA + Aerogel
- Midsole:** EVA-MP
- Outsole:** Vibram Zero Gravity Lite/ NewFlex + Vision
- Last:** HAR8
- Sizes:** 39-49 (whole sizes)
- Weight:** 1450g; 3lb 3.1oz (½ pair size 42)
- Origin:** Italy

TECHNOLOGIES



INNER SHELL



FEATURES AND BENEFITS

- 01** **EXO Active Skeleton:** For protection, support and containment
- 02** **Fast Lock System:** To independently adjust the two tension areas and to customize the fit.
- 03** **SOCK-FIT XT:** Tongue, and Flex-Point are constructed in a single piece of elastic Schoeller S-Tech fabric
- 04** **Velcro Fast Strap:** To simplify closing and opening the shell, with maximum customization and support.
- 05** **RECCO®:** RECCO Technology makes you searchable to professional rescuers in the event of an avalanche accident or injury.

ALTITUDE V 8000 REMOVABLE LINER



FOOTBED: 2 OPTIONS

HIGH ALTITUDE FOOTBED



THERMIC HEATED 3D FOOTBED



# THERMAL SYSTEM

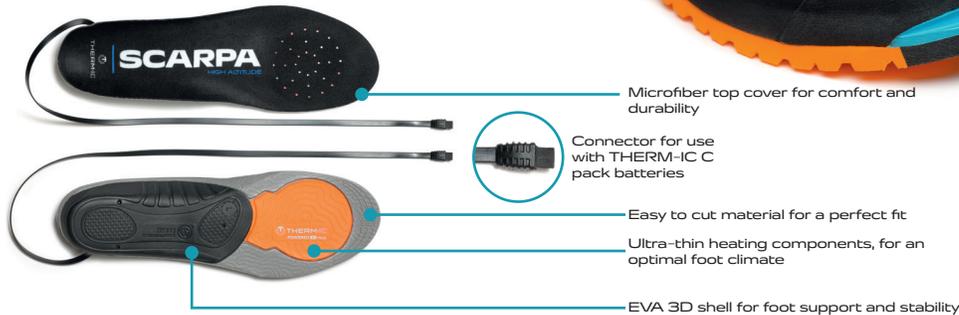


Phantom 8000 Thermic HD is the first mountaineering boot with an integrated thermal system. Every pair of boots will come in the box with a kit that includes:

- 01 Dedicated Power Switch
- 02 2 Powerbanks (5000 mAh & 10000 mAh) with connector and charge cable
- 03 1 pair of heated footbeds



## THERMIC HEATED 3D FOOTBED



## TECHNOLOGY · MATERIALS · CONSTRUCTION

**Vibram® Newflex**— Vibram® Newflex has improved slip resistance and cushioning capabilities. It is a blown or expanded rubber making it extremely light, but still durable. Vibram® Newflex offers an outstanding balance of durability, cushioning, low weight and underfoot insulation.

**Schoeller S-tech w/ Ecorepel Bio** — Schoeller stretch-woven fabric with a plant derived, Bio-polymer water-repellant treatment that is PFC free. The treatment is permanently applied to each fiber of the material, and provides permanent water and dirt repellancy.

**Ortholite® O-Therm** - The leaders in PU foam footbeds, has raised the bar again by infusing O-therm with Aerogel insulation. Aerogel is a silica based material in the form of a fiber matrix that is 97% trapped air, making it the lightest solid in existence, and the best insulation known to man. By adding Aerogel to the O-therm foam, the result is a light, flexible foam that has almost no conductive or convective heat loss, providing a lightweight, super-efficient, low profile insulation layer.

**Primaloft®** — This product features two different Primaloft® technologies. Primaloft® Silver performance yarn, with 70% recycled content, is an insulative yarn used in the bottom of the inner boot, providing lightweight insulation. Primaloft® Gold Eco (200g) is used to insulate the liner and the gaiter, and features 100% recycled content plus grip control, which enhances the structural integrity of the insulation, improving fit and performance.

**HDry®** — HDry® is a waterproof breathable direct lamination technology where the membrane is laminated directly to the back of the boots upper using specialized equipment. This process ensures that the membrane is located closer to the outside of the upper system, reducing the depth of water penetration before it hits the membrane. This structure minimizes water uptake and weight increase, and helps to maintain breathability. This allows air to circulate more effectively inside the boot, maintaining a more comfortable internal environment for your feet, and improving the fit and feel of the boots as well. The ultra-thin waterproof membrane and the unique lamination method provides a precise fit and keep your shoes dry and light all day long.

**Wintherm®** — Wintherm® is a thermoregulatory package of materials that keeps body temperature balanced, guaranteeing excellent breathability and insulating feet from the cold and heat thanks to the two combined technologies: insulation and reflectivity. Different combinations of insulating felt, aluminum film, micropile and THL (cork/EVA) work together to provide additional insulation, and features recycled content.

**RECCO® Technology** - SCARPA® is the first brand to integrate the RECCO® system in its boots. It has proven a very effective solution and been adopted by an extensive network of ski resorts, helicopter skiing operations, parks, and search-and-rescue organizations in Europe, Japan, and North and South America. RECCO® technology enables rapid directional pinpointing of a victim's precise location using harmonic radar. The two-part system consists of a RECCO® detector used by professional rescue teams and RECCO® reflectors that are integrated into the FBC strap on the boots.

**Therm-ic** - Therm-ic has a long history, which began with the invention of heating systems for ski boots. Building on the developments and patented technologies of the last 20 years, the of products now includes a variety of high-quality solutions in the field of portable heating systems, which are proven to provide warmth.

**Reflex** — Reflex thermosealed tape protects the stitching of the liner and is also reflective, increasing visibility.

**Aerogel®** - Aerogel® is a silica based material in the form of a fiber matrix that is 97% trapped air, making it the lightest solid in existence, and the best insulation known to man. Aerogel® is an extremely light, flexible layer that has almost no conductive or convective heat loss, providing a lightweight, super-efficient, low profile insulation layer.

### ACTIVimpact TECHNOLOGY

**ACTIVimpact Technology** — ACTIVimpact is a technology applied to the soles construction that uses materials with physical and chemical characteristics that absorb negative impacts with the ground and increase shock-absorbing features exploiting the utmost energy used during the activity.

