SKI | ALPINE TOURING

# NEW GEA RS

SCARPA TECH MANUAL

# 12056/502

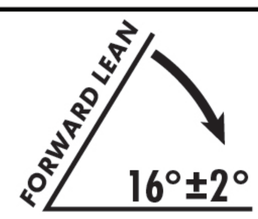
## PRODUCT POSITIONING

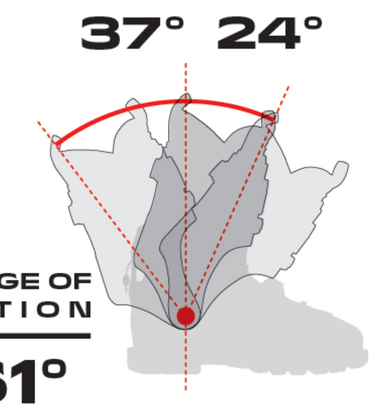
The new Gea RS is the perfect blend of performance and backcountry functionality. Completely redesigned from the ground up, this new generation uses state-of-the-art planet-friendly materials and technology to bring you the lightest weight, most powerful version yet. The RS shell combines Carbon Core technology with Grilamid®Bio for increased power without adding weight. A Pebax Rnew cuff also utilizes Carbon Core technology for increases torsional rigidity while also providing a 61-degree range of motion for long efficient strides. Our tried-and-true HRS strap keeps your heel planted where it should be and is now easily replaceable in the field. The combination of a new Wave Lite closure and our Alpine Axial Hybrid system provides a secure, precise fit over the instep for increased control and impulse transmission. A PVC free Booster Strap can be cranked tight for when things get serious and features RECCO® Technology for avalanche searchability. The Gea RS is for experienced backcountry skiers looking for uncompromising performance.

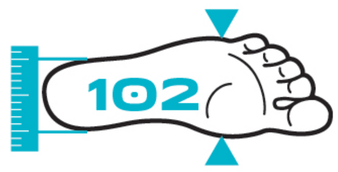
W 12056/502

8-10min

SCARPA PRO FLEX PERFORMANCE WMN
10648/502




## FEATURES AND BENEFITS

**01** Shell: Grilamid® Bio with Carbon Core provides high torsional and longitudinal rigidity for greater precision and control

**02** Cuff: Pebax® R-New with Carbon Core offers high torsional and longitudinal rigidity for greater precision and control

**03** Tongue: Pebax® tongue with increased protection from external elements, PVC free

**04** Speedlock MLT easily shed snow and resists ice for a friction free walk mode

**05** New Cayman LT Outsole improves traction up to 25% for added stability, increasing surface area by 50% added propulsion, increased braking power

**06** Intuition liner is thermoformable and guarantees a warm, precise, comfortable fit.

## SPECIFICATIONS

| | |
|---|---|
| Size: | 22.5 - 27 (half sizes) |
| Weight: | 1300g; 2lb 13.9oz (½ pair size 25) |
| Shell · Cuff · Tongue | Grilamid® Bio w Carbon Core · Pebax® R-New w Carbon Core · Pebax® |
| Liner: | Intuition® Pro Flex Performance WMN |
| Last: | 102mm |
| Flex: | 120 |
| Ski/Walk Mode: | Speed MLT |
| Closure: | Upper Buckle + HRS Strap + Wave LT + Booster® Active Power Strap |
| Forward Lean: | 16° ± 2° |
| Range of Motion: | 61° |
| Outsole: | Vibram® Cayman LT (ISO 9523) |
| Binding System: | TLT, AT |
| Origin: | Italy |

## TECHNOLOGIES

SCARPA®

## TECHNOLOGY - MATERIALS - CONSTRUCTION

**Grilamid® Bio -** Developed by our long-time partner Ems-Grivory, Grilamid Bio comes from their GREENLINE of bio-based polyamides. Using plant derived Castor oil rather than petroleum based oil, Grilamid Bio significantly reduces $CO_2$ emissions during production, while maintaining the outstanding properties of rigidity and elasticity required. Castor plants grow well in semi-arid regions and do not compete with food crops, making it an excellent alternative to fossil based sources. Grilamid Bio is non-biodegradable, but is completely recyclable.

**Pebax® Renew Elastomers -** Pebax® Rnew materials are premium bio-based thermoplastic elastomers (TPE) made from the oil of the castor plant. They offer a unique combination of high performance properties: sustained flexibility at low temperature, high cold impact resistance, and outstanding energy return. These elastomers are typically 20% lighter than commonly used materials. In comparison to the Pebax® material, Pebax® Rnew elastomers combines a bio-sourced polyamide 11 rigid block (PA11) with a hydrophobic polyether soft chain. Bridging the gap between thermoplastics and rubbers, Pebax® Rnew materials offer a sustainable solution for a wide range of high performance applications in sport markets.

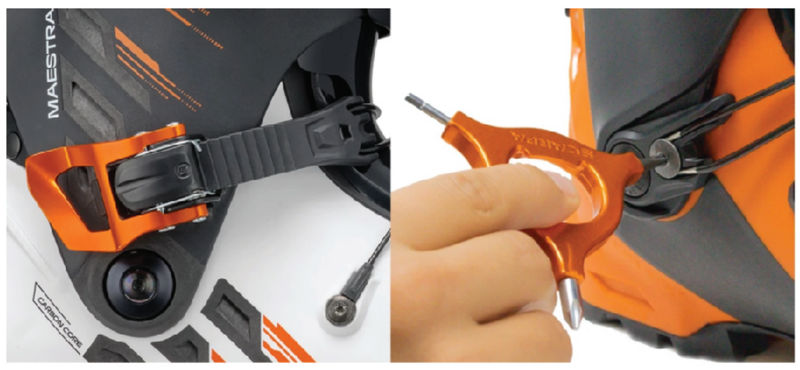
**Pebax® Elastomers –** Designed for extreme conditions, Pebax® elastomers are a premium performance material that has been used for many years in winter sports equipment. They offer a unique combination of high performance properties: sustained flexibility at low temperature, high cold impact resistance, and outstanding energy return. These elastomers are typically 20% lighter than common materials. They combine a polyamide 12 rigid block (PA12) with a hydrophobic polyether soft chain. Bridging the gap between thermoplastics and rubbers, Pebax® materials are an excellent choice for AT ski boots.

**Vibram® Cayman LT Outsole -** The new Cayman LT sole from SCARPA and Vibram® has an ergonomic design that guarantees optimal grip when dealing in any type of terrain. Made of Durastep compound, it is equipped with Traction Lug Technology which increases traction by up to 25% while maintaining stability. Compliant with DIN ISO 9523 and compatible with all TLT bindings on the market.

**Booster™ Strap -** Dynamic elastic power strap provides some stretch, allowing you to cinch them super tight for an increase in performance, and a reduction in shin bang. Made with a new generation of TPU - PVC FREE

**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, 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.

**Intuition® -** Intuition® liners are the gold standard for lightweight, warm, thermo-formable ski boot liners. SCARPA is the long time, exclusive partner of Intuition® in the alpine touring and telemark categories, bringing you the ultimate in backcountry performance, fit and comfort. Intuition® liners feature multi-density layups of closed-cell foam that is thermally moldable, allowing you to customize a perfect fit and enjoy the ultimate in comfort, durability and warmth in the backcountry.

**SCARPA Planet Friendly –** Our products are used to access the most wonderful and unspoiled landscapes on earth. We feel we must do our best to help preserve these landscapes for both current and future generations. The Planet Friendly designation appears on products designed to tread lighter on the planet, using eco-friendly resources and processes like recycled content materials, vegan friendly sourcing and plant-based plastics.

**HRS Strap** - This system securely locks in the heel for both skiing and climbing, and is now easily replaceable.