

# Vulcan

COMFORT, LIGHTWEIGHT, PROTECTION & DURABILITY

## 14" BUNKER BOOT FOR STRUCTURAL FIREFIGHTING



+ **Low-profile, triple-reinforced pull-on straps** help get you in quickly, then stay out of your way.

+ **Thermoformed tibia guard** protects your shins on the ladder.

+ **Schoeller® fabric upper with KERMEL®** provides excellent heat, flame, chemical, and abrasion resistance, yet is 87% lighter than leather.

+ **AnkleArmor™ contoured ankle guards** protect ankles from knocks and dings - an industry first by Cosmas®.

+ **Accordion-Style Flex Points**

+ **MidsoleArmor™ combination composite puncture plate/ladder shank/midsole**, provides full puncture resistance coverage and thermal insulation for the bottom of the foot. This Cosmas® exclusive, patent-pending construction is stiff and supportive in the heel and arch, yet flexible in the forefoot, allowing your foot to flex naturally.

+ **Abrasion, chemical, and flame resistant vulcanized rubber toe cap** extends boot life.

+ **Integrated stand-off** allows for easy removal of the boot.

+ **Proprietary, high traction, electrically insulating, oil & heat resistant, vulcanized nitrile rubber outsole** equipped with **ergonomic HeelRoll™ and ToeSpring™** promotes a natural walking motion. High profile ladder grips prevent slips.



### CERTIFICATIONS

**NFPA 1971-2013:**  
Standard on Protective Ensembles for Structural Fire Fighting and Proximity Fire Fighting

**NFPA 1992-2012:**  
Standard on Liquid Splash-Protective Ensembles and Clothing for Hazardous Materials Emergencies

**CSA-Z195-09:**  
Protective Footwear Standard

**ASTM F2413-11:**  
Standard Specification for Performance Requirements for Protective (Safety) Toe Cap Footwear



**Sizing** US Men's 4 – 13, 14, 15, 16 In D, E, EEE widths  
US Women's 5 – 12, 13, 14, 15 In D, E, EEE widths

**3 YEAR 100% TOP TO BOTTOM WARRANTY**



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### Additional Features

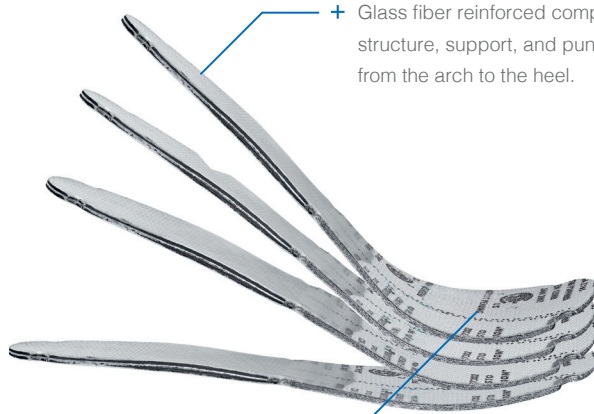


Fire-resistant Kevlar® thread throughout the upper ensures durability under fire.



Anatomically-shaped steel safety toe exceeds all relevant standards for protection.

### MidsoleArmor™



+ Glass fiber reinforced composite provides structure, support, and puncture resistance from the arch to the heel.

+ L-Protection® high-performance textile composite is flexible, puncture resistant, and naturally insulating from heat and cold.



Advanced textile composites such as those manufactured by Lenzi S.p.A. are fast becoming the industry standard for puncture resistant devices in protective footwear. Several of the footwear brands present in the US fire services market are using such materials because they provide enhanced flexibility, do not readily transfer of heat or cold, and, hence, offer the potential for a more comfortable boot.

Cosmas® has taken this concept one step further with its patent pending MidsoleArmor™ solution, which combines a flexible advanced textile composite in the forefoot area with a

stiff, supportive glass fiber reinforced composite from the arch back to the heel. This exclusive combination puncture resistant device/ladder shank/midsole provides full-coverage puncture resistance and thermal insulation for the bottom of the foot.

MidsoleArmor™ is stiff and supportive in the heel and arch for stable footing on the ground or on the ladder, yet flexible in the forefoot, allowing your foot to flex naturally. The result is that with Cosmas® boots, you get maximum comfort and maximum performance.



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