

# FACT SHEET: FIREFIGHTING BOOTS

ENGINEERING

APRIL 2022

## Type 1 or Type 2?

All our firefighting boots are certified to **AS4821:2014**.

**Type 1** refers to boots that are certified and designed for bush firefighting.

**Type 2** refers to boots that are certified and designed for structural firefighting.

You can wear Type 2 boots as 'multi-purpose', as they are suitable for all firefighting operations undertaken by the Service. Type 2 boots are generally what will be issued, unless the member specifies Type 1 boots. Type 1 boots may be more suitable for Mitigation, RAFT, Support or other members, who need a lighter boot that meets their operational requirements.

**Type 1 boots are not to be worn when undertaking offensive structural firefighting.**

## Sizing: Men's and Women's

Firefighter's boots come in both men's and women's sizing, with sizing guides available on the manufacturer's website. It is important to note that men's and women's sizing is purely a conversion: there is no special shape change between boots, and they are considered unisex.

## Comfort and features

To obtain AS4821:2014 certification, firefighting boots need various safety features, such as a safety toe, a toe bumper, and in some cases, a sole protection shank. This means that fire boots are heavy, wide and will require breaking in before your feet get used to them. Please consider this when changing styles, or even moving to a new boot. It is expected your boots will take a number of weeks to wear in, similar to a normal work boot.

### All of our boots have the following features:

- Fire resistant upper
- Water resistant upper
- Fire resistant outsole
- Thermally stable outsole (to approx. 300°C)
- Composite safety toe
- Rubber toe cap
- Antibacterial lining
- Comfort insoles
- Fire resistant laces

### Additionally, our Type 2 boots include:

- Sole penetration resistance
- Waterproof membrane

For further information regarding PPE, please contact Engineering via email [engineering@rfs.nsw.gov.au](mailto:engineering@rfs.nsw.gov.au)

## Boot comparison table

### TYPE 1 BUSH FIRE ONLY

Oliver HS 66 460 Wildland  
Firefighters Boot



**Weight:** 2400g (US 9)

**Height:** 180mm

**Certification:** AS4821:2014 T1

**Construction:** Water resistant, flame retardant upper with Tectuff toe bumper. COMFORTcushion with PORON sole and heavy duty dual density nitrile rubber sole

### TYPE 2 - ALL HAZARD

Oliver HS 66 495 Structural  
Firefighters Boot



**Weight:** 2760g (US 9)

**Height:** 230mm

**Certification:** AS4821:2014 T2

**Construction:** Water resistant, flame retardant upper with Tectuff toe bumper. Waterproof membrane and sole protection. COMFORTcushion with PORON sole and heavy duty dual density nitrile rubber sole

Magnum Vulcan Lite  
CT CP WPI PRO



**Weight:** 1900g (US 9)

**Height:** 230mm

**Certification:** AS4821:2014 T2

**Construction:** Fire resistant leather upper with Aramid fused textile. Composite toe. Waterproof membrane and Sole protection. PORON performance cushioned sole with Vibram Pentgrip Outsole

Vulcan CT CP WPI PRO



**Weight:** 1980g (US 9)


**Height:** 230 mm

**Certification:** AS4821:2014 T2




**Construction:** Fire resistant leather upper. Composite toe. Waterproof membrane and Sole protection. PORON performance cushioned sole with Vibram Pentgrip Outsole

## Boot ordering info



### TYPE 1 BOOTS

SAP Name	Image	Material numbers	Vendor
Type 1 Bushfire Boot *SIZE*		702235 – 702254	105472 O & S Holdings (VIC) PTY LTD
Oliver HS 66 460 Type 1			

### TYPE 2 BOOTS

SAP Name	Image	Material numbers	Vendor
Boots Fire Fighter *SIZE* Male and Boots Fire Fighter *SIZE* Female		Male: 700225 – 700237 Female: 700242, 700243	105472 O & S Holdings (VIC) PTY LTD
Oliver HS 66 495 Type 2			
Boots Fire Fighter Lite *SIZE* Male and Boots Fire Fighter Lite *SIZE* Female		Male: 702158 – 702181, 702210, 702212 Female: 702184, 702185, 702205, 702189, 702191, 702193, 702195, 702197, 702199, 702201, 702203, 702205	121742 DENSTOCK AUSTRALIA PTY LTD
Magnum Vulcan Lite Type 2			
Boots Fire Fighter *SIZE* Male and Boots Fire Fighter *SIZE* Female		Male: 700225 – 700237 Female: 700242, 700243, 702188, 702190, 702192, 702194, 702196, 702198, 702200, 702202, 702204	121742 DENSTOCK AUSTRALIA PTY LTD
Magnum Vulcan Type 2			

### GENERAL PURPOSE BOOTS – NOT FOR FIREFIGHTING

SAP Name	Image	Material numbers	Vendor
Boots Work Safety Lace Up Uni-Sex *SIZE*		700255 – 700269	105472 O & S Holdings (VIC) PTY LTD
Oliver 34-623			
Boots Work Safety Male *SIZE* SMS ONLY and Boots Work Safety Female *SIZE* SMS ONLY		Male: 701483 – 701497 Female: 701475 – 701482	105472 O & S Holdings (VIC) PTY LTD
Oliver 34-662			