

DISECTING FUEL



1 STEEL TOECAP
FUEL toecaps are manufactured from treated steel resistant to a force of 200Joules, thus providing protection against injury caused by impact and compression. All FUEL styles are now fitted with the new ergonomically rounded, wider fitting steel toecap, offering greater space and comfort whilst maintaining the highest standards of safety.

2 CARBON FIBRE TOECAP
Manufactured from Carbon Fibre resistant to a force of 200Joules. Properties are as for steel toecap. This toecap does not conduct or retain heat and is also transparent under X-rays

3 STEEL MIDSOLE
FUEL safety footwear is available with an optional stainless steel midsole for use in work environments with a high penetration risk from sharp objects such as broken glass. The steel midsole is resistant to a 130 kg nail driven force.

4 ANTI-STATIC MIDSOLE
The FUEL footwear range is fitted with carbon-impregnated midsoles for protection.

5 WHY CHOOSE NITRILE RUBBER AS A SOLING MATERIAL?
Nitrile rubber is a product of synthetic rubber research during and between the two world wars. Formed in an emulsion process using free-radical initiators, nitrile rubber shows outstanding resistance to oil, with hydrogenated versions demonstrating very high resistance to thermal and oxidative deterioration. These properties make it an ideal soling material for use on specialised heat resistant safety footwear, comprised of a specially formulated nitrile rubber resistant to 300 degrees Celsius - ideal for use in foundries, smelters, tapping floors and industries producing hot metal shavings during manufacture.

6 FULL LEATHER UPPER
All FUEL footwear has full leather uppers treated for resistance to a wide spectrum of harmful substances commonly found in the industrial work environment.

7 VAMP LINING
FUEL boots and shoes feature a highly absorbent full vamp lining to ensure comfortable and dry feet throughout the day.

8 SANS STANDARD
The SANS standards for Safety Footwear are being re-aligned with International Standards and as changes are introduced, SANS 1114 and 1167 will be replaced with SANS 20345



FUEL QUALITY ASSURANCES

We would like to confirm our policy regarding our “guarantee” on FUEL branded safety footwear. Because of the highly divergent nature of the work environment, it is impossible to issue a blanket, indefinite guarantee on safety footwear. This sort of all encompassing guarantee would invite abuse from unscrupulous sectors. Instead, each claim is individually assessed to determine whether or not the footwear has provided the wearer “fair wear” within his or her specific work environment.

Naturally as an SABS manufacturer, FUEL accepts full responsibility for unprovoked footwear faults arising from material or manufacturing error. In instances where doubt exists, the question is asked whether or not the following safe boundaries were exceeded:-

- **WATER** – Rubber / leather footwear is designed to be water-resistant, not water proof. In areas where there is constant exposure to water, employees should wear gumboots, not leather footwear.
- **OIL** – Rubber footwear is highly resistant to oil, although life of footwear will be prolonged if excess is occasionally removed from the surface of the leather.
- **ACIDS** – Rubber exhibits good resistance to a broad spectrum of acids, providing that they are reasonably diluted. Concentrated Hydrochloric, Sulphuric and Nitric acids will attack even metals, so it is unreasonable to expect Nitrile Rubber to endure prolonged contact with them.
- **HEAT** – FUEL rubber footwear is resistant to temperatures up to 300 degrees Celsius. Specialised heat resistant footwear is required for environments exceeding 90 Degrees.
- **MINES** – FUEL safety footwear is well suited for work on open cast mines, but should be worn with circumspection below ground
- **CEMENT** – Cement in conjunction with water, frequently dehydrates the leather in safety footwear, rubber footwear still acquits itself well on construction sites however.

All reasonable claims for faulty footwear will be met but in any instances of disagreement or dispute the matter shall be settled by discussions between Bagshaw Footwear and the customer or failing which, by referral to the South African Bureau of Standards in Pretoria.

FEATURES APPLICABLE TO ALL FOOTWEAR

- **Sole Material :**
Nitrile Rubber R5 compound resistant to 300° Celsius
- **Construction :**
Cemented and sewn unit
- **Lining :**
Non-woven vamp lining
- **Sizes :**
5 - 12 (unless otherwise indicated)
- **Toecap :**
Wide Fitting Steel / Carbon fibre Toecap
Resistant to 200j

The **FUEL HEAT RESISTANT** range of Footwear can withstand the considerable heat experienced in heavy duty forges, foundries and other high temperature related industries. This is achieved by using the following specialised materials:-

Sewing Threads

Selected Styles - Imported Continuous Fibre **M20** heat resistant thread is used in sewing operations which is Heat Resistant to 400 - 450° Celsius.

Breaking Load resistance is as follows:-

- Uppers Thread - 23 Kg.
- Unit Sole Thread - 45 Kg.

Kevlar Lining

Inferno Lo (Style 9659) has Kevlar Vamp, Quarter and Insole Lining. Heat Tests have shown excellent foot insulation is achieved. Resistant to 350° Celsius continuous heat.

Nitrile Rubber Unit Sole - R5

Nitrile Rubber Sole Units which are Oil and Heat Resistant to 300° Celsius.

MISSION STATEMENT

To maintain recognition as a highly successful market driven group specialising in foot wear.

To provide product and services of outstanding value and quality through the combined effort of highly motivated employees which create wealth for our consumers, customers, suppliers, employees and shareholders.



TRADE ENQUIRIES

DEALER STAMP

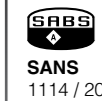
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Bagshaw Footwear

MANUFACTURERS OF
SERVICE FOOTWEAR SINCE 1860

SAFETY & SERVICE FOOTWEAR



BLAZE
Style No: 9658SANS
1114 / 20345

Description : Chukka Boot
Upper Material : Bartan leather
Thread : M20 heat resistant resistant to 400° Celsius
Buckle : Quick release
Tongue : Bellows Tongue
Toecap : Extra wide fitting steel toecap resistant to 200J
Colours : Black

INFERNO LO
Style No: 9659SANS
1114 / 20345

Description : Chukka Boot
Upper Material : Bartan leather
Insulation : Kevlar - resistant to 350° Celsius
Thread : M20 heat resistant resistant to 400° Celsius
Buckle : Quick release
Tongue : Bellows Tongue
Toecap : Extra wide fitting steel toecap resistant to 200J
Colours : Tan

INFERNO DBL BUCKLE
Style No: 9656SANS
1114 / 20345

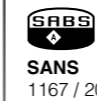
Description : Chukka Boot
Upper Material : Bartan leather
Thread : M20 heat resistant resistant to 400° Celsius
Buckle : Quick release
Tongue : Bellows Tongue
Toecap : Extra wide fitting steel toecap resistant to 200J
Colours : Tan

MENS S/LEG MOTORCYCLE BOOT
Style No: 3787SANS
1114 / 20345

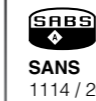
Sole Unit : Nitrile Rubber
Colours : Black
Sizes : 5 to 12

MENS H/LEG SECURITY BOOT
Style No: 1755SANS
1114 / 20345

Sole Unit : Nitrile Rubber
Colours : Black & Brown
Sizes : 3 to 14

MENS S/LEG SECURITY BOOT
Style No: 1756SANS
1167 / 20345

Sole Unit : Nitrile Rubber
Colours : Black & Brown
Sizes : 3 to 14

MENS H/LEG BOOT
Style No: 1760SANS
1114 / 20345

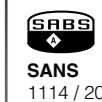
Sole Unit : Nitrile Rubber
Colours : Black & Brown
Sizes : 5 to 12

MENS H/LEG BOOT
Style No: 1772SANS
1114 / 20345

Sole Unit : Nitrile Rubber
Colours : Black & Brown
Sizes : 3 to 14

MENS S/LEG COMBAT BOOT
Style No: 3522SANS
1114 / 20345

Sole Unit : Nitrile Rubber
Colours : Black & Brown
Sizes : 5 to 12

THERMO
Style No: 9661SANS
1114 / 20345

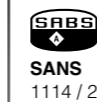
Description : Chelsea Boot
Upper Material : Buffalo leather
Thread : M20 heat resistant resistant to 400° Celsius
Toecap : Extra wide fitting steel toecap resistant to 200J
Colours : Black

PHOENIX
Style No: 9664SANS
1114 / 20345

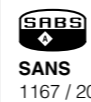
Description : Chukka Boot
Upper Material : Bartan leather
Lining : Kevlar vamp lining
Tongue : Bellows Tongue
Toecap : Extra wide fitting steel toecap resistant to 200J
Colours : Black

ALEXIS
Style No: 9653SANS
1114 / 20345

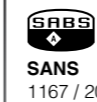
Description : Chukka Boot
Upper Material : Bartan leather
Tongue : Bellows Tongue
Toecap : Extra wide fitting steel toecap resistant to 200J
Colours : Black

GRANITE
Style No: 9676SANS
1114 / 20345

Description : Chukka Boot
Upper Material : Bartan leather
Tongue : Bellows Tongue
Toecap : Extra wide fitting steel toecap resistant to 200J
Colours : Black

QUARTZ
Style No: 9675SANS
1167 / 20345

Description : Safety Shoe
Upper Material : Bartan leather
Tongue : Standard
Toecap : Extra wide fitting carbon-fibre toecap resistant to 200J
Colours : Black

SPORT HEAT
Style No: 9673SANS
1167 / 20345

Description : Safety Shoe
Upper Material : Lunar leather
Tongue : Standard
Toecap : Extra wide fitting carbon-fibre toecap resistant to 200J
Colours : Black

MENS CHELSEA BOOT
Style No: 3530SANS
1114 / 20345

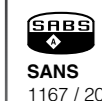
Sole Unit : Nitrile Rubber
Colours : Black
Sizes : 5 to 12

MENS H/LEG COMBAT BOOT
Style No: 3757SANS
1114 / 20345

Sole Unit : Nitrile Rubber
Colours : Black & Brown
Sizes : 5 to 12

MENS MOTORCYCLE BOOT
Style No: 3788SANS
1114 / 20345

Sole Unit : Nitrile Rubber
Colours : Black
Sizes : 5 to 12

ODYSSEY HEAT
Style No: 9679SANS
1167 / 20345

Description : Heat Boot
Upper Material : Bartan leather
Tongue : Dual Tongue
Toecap : Extra wide fitting steel toecap resistant to 200J
Colours : Black Mahogany/ Mahogany Black

RIGGER BOOT
Style No: 9663SANS
1114 / 20345

Description : Rigger Boot
Upper Material : Bartan leather
Toecap : Extra wide fitting steel toecap resistant to 200J
Colours : Black

EXECUTIVE BROGUE
Style No: 9650SANS
1114 / 20345

Description : Executive Safety Shoe
Upper Material : Lunar leather
Tongue : Standard
Toecap : Extra wide fitting steel toecap resistant to 200J
Colours : Black

MENS MOTORCYCLE BOOT
Style No: 3786SANS
1114 / 20345

Sole Unit : Nitrile Rubber
Protection : Steel toe Cap
Colours : Black
Sizes : 5 to 12

MENS H/LEG COMBAT BOOT
Style No: 3712SANS
1114 / 20345

Sole Unit : Nitrile Rubber
Protection : Steel toe Cap
Colours : Black
Sizes : 5 to 12

MENS FIREMAN BOOT
Style No: 3715SANS
1114 / 20345

Sole Unit : Nitrile Rubber
Protection : Steel toe Cap
Colours : Black
Sizes : 5 to 12

LADIES NURSES SHOES
Style No: 1500SANS
1167 / 20345

Sole Unit : Gristle Rubber
Colours : Blk/Brn/Navy/Cognac
Sizes : 3 to 9

MENS D/BUCKLE BOOT
Style No: 3642SANS
1114 / 20345

Sole Unit : Nitrile Rubber
Colours : Black
Sizes : 5 to 12

MENS OFFICERS SHOES
Style No: 3742SANS
1114 / 20345

Sole Unit : Nitrile Rubber
Colours : Black
Sizes : 5 to 12