



Geo-Roam | 4701

Features:

Size Range: 4 - 14

Accreditation: SANS/ISO 20345

Colour: Black

Heat Resistance: Up to 95° Celsius

Sole: PU Dual Density

Upper: Genuine Leather



COMPONENT SPECIFICATIONS

Upper

- The upper is cut from 1.8 – 2.0mm Apollo Print Leather, which is strong and has high wearing durability.
- This is an entry level PU Dual Density safety shoe which has a high degree of comfort and durability. Ideal for the construction industry. The low-cut padded collar gives added flexibility and movement as well as good support.
- The vamp lining is made from a special needled Hi-Tech Fibre blend which has excellent perspiration absorbency resulting in a low heat build up and a more comfortable shoe for the wearer. The quarter lining is from an industrial quality “cambrelle” type non-woven material with good abrasion resistance.
- The four pairs of ‘D’ rings are made from steel, which has been treated with a corrosion resistant “gunmetal” coating.
- The lace is braided and made from a polyester yarn with high abrasion resistance together with a central core for additional strength.
- The collar padding material is made from open cell foam for superior comfort and support.

Insole and Insock

- The insock is made from a specially developed antistatic non-woven material which has exceptional directional stability, durability and comfort.

Polyurethane Sole

- The sole is made from foamed polyester polyurethane, for lightness, comfort and flexibility. The sole has a shore hardness of 0.64 – 0.65 for durability and slip resistance.
- The polyurethane sole is an excellent insulator against the cold and has a heat resistance of up to 95° Celsius.



Toe caps

- The steel toe cap is imported from China and complies with the SABS specification to withstand an impact load of 200 joules. This toe cap has an extra-wide fit to accommodate the largest variety of feet possible, and we use 5 different sizes to cover the full size range of shoes.



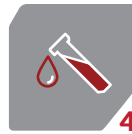
1
Dissolves



2
Poor
More than 30% change



3
Fair
16 - 30% change



4
Good
4 - 15% change



5
Excellent
0.3% change

Chemicals

Acetic Acid 3 n	3
Acetone	2
Aluminium Chloride 10% Sol.	4
Ammonia 3 n	5
Ammonium Chloride 10% Sol.	5
Aniline	2
ASTM-Fuel A	2
ASTM-Fuel B	4
ASTM-Fuel C	3
ASTM-Oil 1	5
ASTM-Oil 2	5
ASTM-Oil 3	5
Benzene	2
Benzyl Alcohol	1
Bleach	5
Brake Fluid ATE	5
Brake Fluid ATS	5
Butane	4
Butyl Acetate	2
Butyl Alcohol	3
Calcium Chloride 10% & 40% Sol.	5
Carbon Disulphide	3
Carbon Tetrachloride	2
Caustic Soda Sol. 10%	5
Chlorobenzene	2
Chloroform	2
Chromic Acid 3 n	2
Citronic Acid 3 n	4
Cyclohexane	4
Cyclohexanon	2
Decalin	3

Diesel Oil	5
Dimethyl Acetamide	1
Dimethyl Formamide	1
Distilled Water	5
Ethanol	3
Ether	3
Ethyl Acetate	2
Ethylene Chloride	4
Ferric Chloride 10% Sol.	4
Formic Acid 3 n	2
Freon 12	3
Freon 22	3
Gear Box Oil SAE 90	5
Glycerine	5
Glycol	5
Hydrochloric Acid 3 n	5
Hydrogen Peroxide 3%	5
Iso-Octane Fuel 1	5
Iso-Octane 70%: 30% Toluene = Fuel 2	3
Iso-Octane 50%: 50% Toluene = Fuel 3	2
Iso-Propanol	4
Kerosine	5
Lactic Acid 3 n	1
Lubricating Grease:	
Calcium based	5
Lithium based	5
Sodium based	5
Magnesium Chloride 10% & 30% Sol.	5
Methane	4
Methanol	2
Methane Acetate	2
Methyl Ethyl Ketone 2	2

Methyl Glycol	2
Methyl Glycol Acetate	2
Methylene Chloride	2
Mineral Oil	5
Nitric Acid 3 n	1
N-Methyl Pyrrolidone	1
Ozone	5
Paraffin Oil	5
Perchloroethylene	2
Petroleum	5
Petroleum Ether	5
Phosphoric Acid 3 n	5
Potassium Chloride 10% & 40% Sol.	5
Potassium Dichromate 10% Sol.	5
Potassium Hydroxide 3 n	5
Potassium Nitrate	4
Potassium Permanganate 5% Sol.	2
Propane	4
Pyridine	1
Sea Water (Technical)	3
Sodium Bisulphate 10% Sol.	4
Sodium Chloride 10% Sol.	5
Sodium Hypochlorite Sol. PH 13 3	3
Sodium Sulphite	4
Sulphuric Acid 3 n	1
Terpentine (Pine Oil)	4
Tetrachlorethylene	2
Tetrahydrofuran	2
Toluene	2
Trichloroethylene	2
Xylene	2

If you are exposed to any of the acids, oils or chemicals that rate 1, 2 or 3 on the table above, we recommend our Vulcanised Rubber Sole Range.

The above table should be used as a general guide only. Performance in the actual working environment will depend upon the following: temperature of chemicals, concentrations of chemicals and duration of exposure.