



Affordable safety you can trust

2021
VOLUME 1



ABOUT US

We are Frams - Affordable Safety you can trust!

Frams is one of South Africa's original safety footwear brands and manufactures consistent, economical and reliable safety wear. The Frams range caters to a diverse range of wearers, from individual contractors to more permanent workforces looking for a range of affordable, good quality safety wear.

Frams safety wear is centred around our customers and we are mindful of the needs and challenges faced by our customers throughout Africa. To us, value extends beyond price alone.

By adopting a flexible approach and building strong relationships we strive to always provide the value required by our customers. Our range of safety footwear is designed for local and international use.

Manufacturing standards:

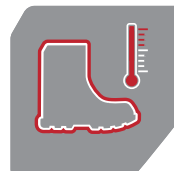
The Frams range of safety footwear is manufactured in ISO 9001 certified facilities with 20345 accreditations as standard. Frams is also a proud and fully-fledged member of SAFLIA/SAFLEC.



Steel
Toe Cap



Antistatic



High Heat



Genuine
Leather



Accreditation
Body



International
Organization for
Standardisation



Standard for
the European
Economic Area

PU - Polyurethane



General



Mining



Transport



Agriculture



Construction

*The above industry recommendation should be used as a general guide only.

ECONO TUFF | 4551

Features:

Size Range: 4 – 13

Colour: **Black**

Sole: **PU sole**

Upper: **Genuine Leather – Barton Splint**

Heat Resistance: **Up to 95°Celsius**

Accreditation: **EN/ISO 20345**



Oil & Acid Resistance

CHELSEA | 10006

Features:

Size Range: 5 – 12

Colour: **Black**

Sole: **Single Density PU sole**

Heat Resistance: **Up to 95°Celsius**

Upper: **Genuine Leather – Haircell**

Accreditation: **EN/ISO 20345**



Oil & Acid Resistance



PU DUAL DENSITY RANGE

Our Dual Density PU Range offers great slip resistance. The medium density midsole acts as a cushion for added comfort.

The majority of our safety footwear styles are manufactured using direct injection moulded dual density polyurethane. Polyurethanes are organic polymers made by the reaction of diisocyanates with other di-functional compounds such as glycols. Foamed polyurethanes such as these used in the soles of Frams safety footwear, result from the reaction of diisocyanates with polyesters.





NDLOVU PUMBA | 8401

Features:

Size Range: 3 - 13

Colour: Black

Sole: Generic PU Dual Density Sole with Steel Midsole

Heat Resistance: Up to 95°Celsius

Upper: Genuine Leather- Barton Print

Tongue: Full Bellows Tongue

Accreditation: CE | EN 20345



Oil & Acid Resistance: Refer to table on page 12



NDLOVU ADDO | 8402

Features:

Size Range: 3 - 13

Colour: Black

Sole: Generic PU Dual Density Sole with Steel Midsole

Heat Resistance: Up to 95°Celsius

Upper: Genuine Leather- Barton Print

Tongue: Full Bellows Tongue

Accreditation: CE | EN 20345



Oil & Acid Resistance: Refer to table on page 12



GEO-TREAD | 2911

Features:

Size Range: 4 - 13

Colour: Black

Heat Resistance: Up to 95° Celsius

Upper: Genuine Leather - Barton Print

Tongue: Gibson Style

Accreditation: SANS/ISO 20345



Oil & Acid Resistance: Refer to table on page 12



GEO-TREK | 4911 GEO-CLIMB | 4912

Features:

Size Range: 4 - 13

Colour: Black (4911) and Brown (4912)

Heat Resistance: Up to 95° Celsius

Upper :Genuine Leather - Barton Print

Tongue: Padded Bellows Tongue

Accreditation: SANS/ISO 20345



Oil & Acid Resistance: Refer to table on page 12

CHEMICAL RESISTANCE TABLE:



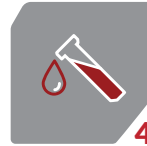
1
Dissolves



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 / PU 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.



FRAMS

Affordable safety you can trust





OFFICE

Tel: 087 057 7770

Email: sales@frams.co.za

PHYSICAL ADDRESS

37 Gillitts Road

Pinetown

3610

South Africa

POSTAL ADDRESS

PO Box 121

Pinetown

3600

www.frams.co.za

