FRAMS

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.

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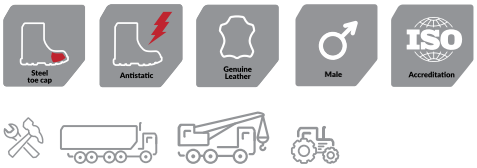
PU SINGLE DENSITY RANGE

ECONO TUFF | 4551

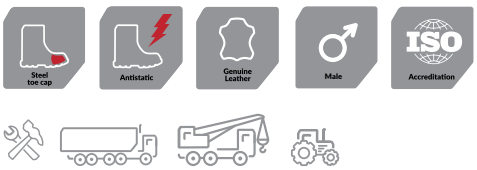
Features:
Size Range: 4 – 13
Colour: Black
Sole: PU sole
Upper: Genuine Leather – Barton Splint
Heat Resistance: Up to 95˚Celsius
Accreditation: EN/ISO 20345



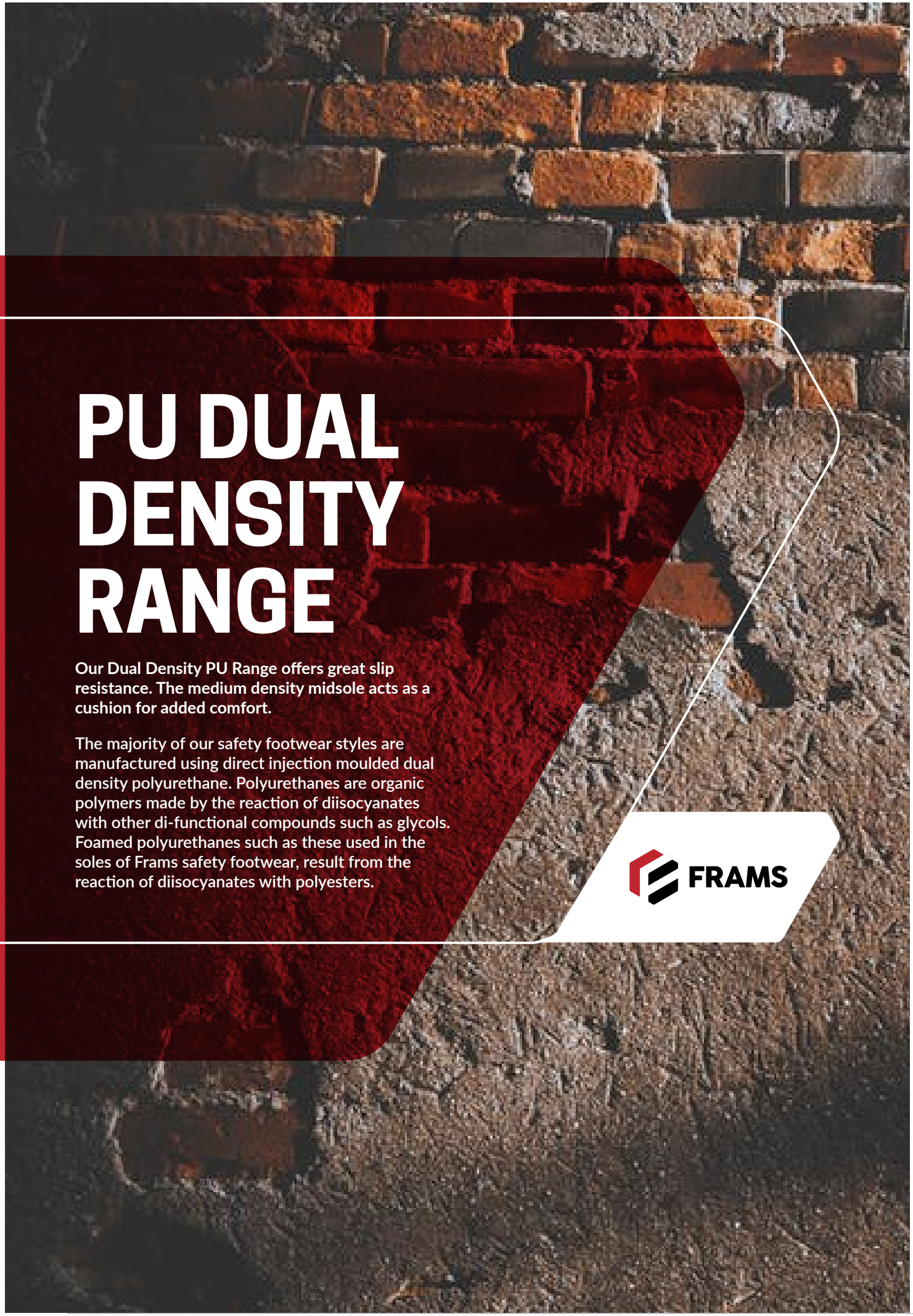
Oil & Acid Resistance

CHELSEA | 10006

Features:
Size Range: 4 – 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.

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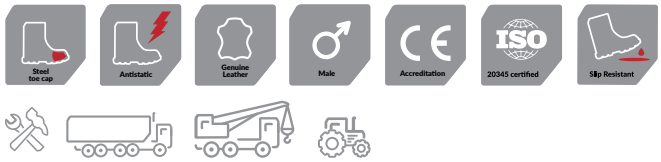
PU DUAL DENSITY RANGE

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

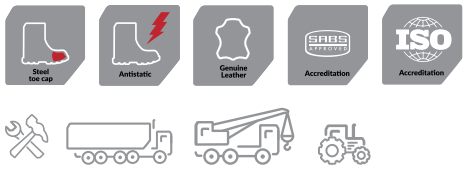
NDLOVU ADDO | 8402

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

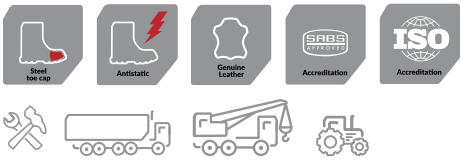
Features:
Size Range: 4 – 13
Colour: Black
Heat Resistance: Up to 95° Celsius
Upper: Genuine Leather - Barton Print
Tongue: Gibson Style
Accreditation: SANS/ISO 20345



Oil & Acid Resistance: Refer to table on page 12

GEO-TREK | 4911
GEO-CLIMB | 4912 MTO

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

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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
Tetrachloroethylene	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.


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