



Strand**MED** 



SOUTH AFRICA'S FAVOURITE **HOSPITAL** MATTRESS

Strand**MED** 

COMPANY BACKGROUND

StrandMED is a wholly owned Division of the Strandfoam Group (Pty) Ltd.

Strandfoam started producing foam in 1968 in the Strand some 40 kilometres outside Cape Town. Since then Strandfoam has become a market leader in South Africa with their foam products being used extensively in the furniture, bedding, automotive, packaging, fishing, medical, airline and other related industries.

Over the years the Strandfoam Group has expanded to all major centres in South Africa with 7 branches countrywide. Strandfoam is the only major foam manufacturer who has remained a privately owned company for the last 45 years. Other manufacturing companies and brand names in the group include Strandmattress (Economy Foam mattresses), Cloud Nine (Premium Foam Mattresses and bases), Strandfibres (Polyester Fibre balls and sheets), Rest Assured (Innerspring Mattresses and Bases), Lautex (Damask Ticking Weavers) and Strandbox (Frames for upholstered bases) .

The latest addition to the group is StrandMED specialising in the manufacture of hospital mattresses and related products. StrandMED is utilising the experience and expertise of Strandfoam with its superior foam products and imported specialised fabrics made for the hospital industry. Strandfoam endeavours to manufacture and supply foam mattresses and mattress covers to cater for the individual needs of the Health Care. Our mattress products fall into two basic categories, being a profile cut Polyurethane and a convoluted Polyurethane with a reconstituted core.

GENERAL INFORMATION REGARDING FOAM

All flexible Polyurethane Foam is manufactured with a specific density and hardness factor. Apart from the normal foam types available in South Africa, Strandfoam was also one of the first manufacturers world-wide to manufacture Flame Retardant Foam under the Trademark Life Care. This foam conforms to the British flammability tests (BS 5852: Part 2: Ignition Source 5) and is self extinguishing. Density is derived from the weight of the foam per cubic metre. This means the weight of chemicals used to manufacture 1 cubic metre of foam. The weight/density therefore determines the price and quality of the foam and it can be concluded that the higher the density, the longer the foam would last and the more expensive the foam would become. The hardness factor measures the hardness or firmness of the foam and is mainly used for the desired comfort requirement and has nothing to do with the price or quality of the foam. Our foam codes depicts the density and hardness factor of the foam as per SABS640:1976. Our foam code is always written, for example: SF 30/16. This means that the SF is normal foam with a density of 30kg per cubic metre and a hardness factor of 16. (whereas LC would mean Life Care or Flame Retardant Foam). SC 640 means reconstituted foam in class 64 (or a density 64kg per cubic metre) as per SABS 642: 1976. Foam can be cut to suit any need, shape or size.

StrandMED


beds for the rest of your life


i-sleep
intelligent sleep technology


euro-latex
natural-latex technology


rapid reform
polyurethane foam


strandmattress
Established in 1968


SABS
SOUTH AFRICAN BUREAU OF STANDARDS


ISO 9001

PRODUCTS

ROYAL BROMTON FR/36C - 150mm

This is a laminated mattress consisting of a 50mm very high density convoluted foam (SF 36/16) sheet on either side of a sheet of 50mm reconstituted foam. (SC640)

Recommended use in Hi-Care, Cardiac and General Wards.

Recommended coverings would be Medicare Fabric.



ST. MARGARETS 44P, 172mm

ST. MARGARETS 36P, 172mm

ST. MARGARETS 36P, 150mm

This is 150mm or 172mm thick profile cut mattress with a soft but very high density foam (SF 36/16).

Recommended use for ICU, Hi-Care, Frail-Care, Cardiac and all other units where the patient is bedridden for extended periods of time. Recommended covering would be the Recovery 5 or Medicare fabrics due to its stretchable characteristics.

Due to unique pressure care characteristics of the mattress it would help in dealing with bed sores effectively, where one block of foam moves totally independent from its neighbour.



StrandMED


beds for the rest of your life


intelligent sleep technology


natural-wisdom technology


polyurethane foam


Established in 1908


EST. 1984



ST. MARGARET 44P TECHNICAL SPECIFICATIONS

Dimensions (mm)	Single Mattress 1980 x 860 x 180 2015 x 860 x 180
Density	Maximum Density: 44kgs/m ³
Foam Type	High Density, high resilience Polyurethane Foam

COVER

Type	Polyester/Polyurethane Composition
Colour	Blue/Beige/Grey
Composition	50% Polyester + 50% Polyurethane
Tensile Strength	Length: 800 N+/-10% Width: 800 N+/-10%
Elongation	Length: 95%+/-10% Width: 490%+/-10%
Impermeability	>200cm Water Column
Weight	175gr/m
Characteristics	Breathable, allowing air to ventilate keeping the mattress cool Waterproof and urine resistant Washable up to 95°C Soft, Flexible & Elastic Resistant to Sterilization in Autoclave Resistant to Bacteria (by treatment), Fungi by treatment and Dust Mites by impermeability
Fitting	Mattress is supplied with the fitted zip-cover
Fire Retardancy	Flame Retardant
Burning Behaviour	M1 Crib 5 on CMHR Crib 7
Resistant to Polio Virus	The Foam Mattress Cover provides the barrier required to counter the unlikely threat of transmission of the Polio Virus
Radiolucency	The STRANDMED products offer acceptable aluminium equivalent thickness for radiographic use
CPR Suitability	The STRANDMED products are manufactured according to SABS specifications using high density Polyurethane Foam. The foam ensures maximum patient support over an extended period.
Wet Compression Set Test	All STRANDMED products will recover over a period of time as the result of wet/humid conditions without any significant change to the foam's properties
Environmental Policy	Minimum wastage is generated through efficient design techniques and processes. Recycled materials are used wherever possible

StrandMED


beds for the rest of your life

 i-sleep
intelligent sleep technology

 euro-latex
natural-wisdom technology

 rapid reform
polyurethane foam

 strandmattress
Established in 1908

 SABS
SABS 1204:2005

COVER FABRICS

The cover fabrics utilised is fully imported after extensive testing on the European and American markets . All coverings fabrics offered are tested for flammability and pass most of the European and American Tests (CAL 117, NFPA 701 and M1 of NF P 92-505/504/505 and BS 6807 part 2 Crib 5 and Crib 7). All coverings are totally fluid proof, anti-bacterial, anti-fungal, have resistance to dust mites and have breathing capability thus enhancing comfort.

All covers are supplied with zips closing one end and one side of the mattress making removal easy for washing and cleaning purposes. Cleaning can easily be done with detergent added to luke warm water or it can be washed up to a temperature of 95°C. Medicare is impenetrable to fluids and retains it's breathing capacity, which protects the mattress core. Medicare is extremely stretchable and would follow the contours of the patient's body. It is totally fluid proof, anti-bacterial, anti-fungal, and has a resistance to dust mites and having breathing capability, thus enhancing comfort.

Given that pressure redistributing foam mattresses are an essential component of the prevention and management of pressure ulcers, such mattresses are now recommended for the prevention of ulcers at all levels of vulnerability. The data presented shows that the Strandfoam mattress is equivalent to or better than competitor products - by reference to the data shown in competitor literature.



Results based on a recent Mattress Pressure Map - Test Report
(MD2M - Medical Devices to Market).

RECOVERY 5

Made from polyester warp knit backing with a rubberised polyurethane coating. The fabric is extremely stretchable and would follow the contours of the patient's body.

MEDICARE

Made from polyester warpknit backing with a rubberised polyurethane coating. The fabric is extremely stretchable and would follow the contours of the patient's body. Due to its width it is the most economical fabric to use. Colours: blue, beige and grey.



StrandMED H

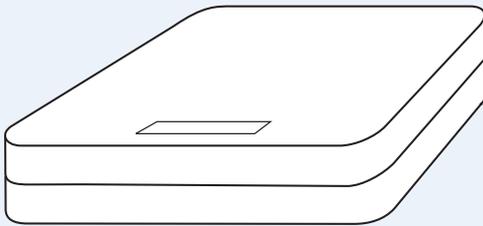


COVER FABRICS & CARE FOR YOUR MATTRESS

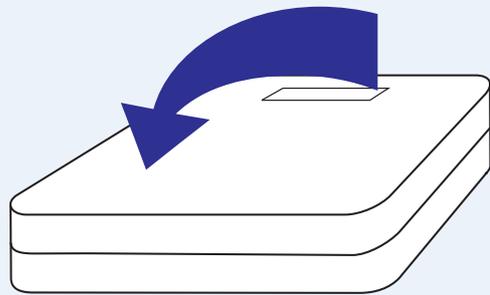
All covers are clearly marked with turning cycle stencils to ensure proper turning once a month and thus ensuring longer mattress life. You will find these instructions on the bottom left hand corner of your mattress which explain how the mattress should be turned on a monthly basis. This would ensure that the mattress gets turned over (top to bottom or head to toe, depending on the type of mattress), at least once a month, with the current month always showing upwards when checked. (ie: should it be the month of August when checked, then the side with 4, 8, 12 should face upwards).

Loose covers are also available and supplied with zips closing one end and one side of the mattress making removal easy for washing and cleaning purposes.

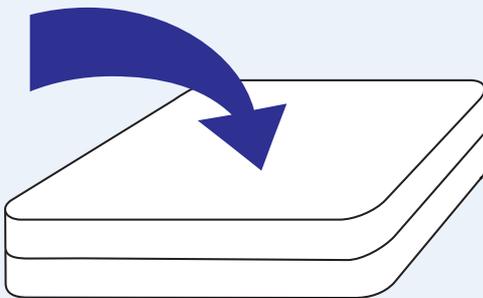
THE TURNING SEQUENCE



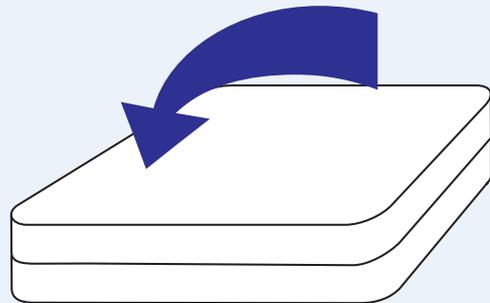
MATTRESS POSITION FOR:
Month 1 (Jan), 5 (May), 9 (Sept) label at foot



MATTRESS POSITION FOR:
Month 2 (Feb), 6 (June), 10 (Oct) label at foot



MATTRESS POSITION FOR:
Month 3 (Mar), 7 (July), 11 (Nov) label faced down at foot



MATTRESS POSITION FOR:
Month 4 (April), 8 (Aug), 12 (Dec) label faced down at head

StrandMED


Cloud Nine
beds for the rest of your life

 7-sleep
intelligent sleep technology

 euro-latex
natural latex technology

 rapid reform
polyurethane foam

 strandmattress
Established in 1908

 SLES
SINCE 1942

 ISO 9001

FOR MORE INFORMATION CONTACT:

PIETER LOURENS
Cloud Nine National Sales Director

Factory & Head Office Broadlands Road
PO Box 13 Strand, 7139
Tel: 021 850 7777 Fax: 021 850 7711
e-mail: pieter@cloudnine.co.za

www.cloudnine.co.za

EASTERN CAPE

JOHAN VAN COLLER
Divisional Manager

Cnr. Chevrolet & Studebaker Streets,
PO Box 3018, North End, 6056
Telephone: 041 461 1517 Fax: 041 461 1571
email: johan.vancoller@strandfoam.co.za

FREE STATE

VINCENT PEYPER
Divisional Manager

Cnr. Henri van Rooijen St. Eastend,
PO Box 3240, Bloemfontein 9300
Telephone: 051 432 4685/6/7 Fax: 051 432 4528
email: vincent@strandfoam.co.za

GAUTENG

BRETT AUSTIN
Divisional Manager

Cnr Samrand Ave and Coqui Francolin Street,
Kosmosdal P O Box 3, The Reeds, 0061
Telephone: 012 657 9620 Fax: 086 212 2397
email: brett.austin@cloudnine.co.za

KWA-ZULU NATAL

TYRONE NICOL
Divisional Manager

Bougainvillea Road, Queensburgh,
PO Box 28224, Malvern 4055
Telephone: 031 464 4915/6 Fax: 031 464 4879
email: tyrone@cloudnine.co.za

Strand**MED** 

StrandMED H Division of Strandfoam Group (Pty) Ltd.