SOVEREIGN
High Risk Static Care Support Surfaces
Sovereign S31000

Premiflex Classic Cover

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<td>5-YEAR FOAM CORE WARRANTY</td>
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- **Pressure Sensitive Upper Immersion Layer:**
  - Provides pressure redistribution
  - Provides effective interface immersion

- **Profile Scapular Immersion Region:**
  - Delivers deep immersion for bony prominences
  - Individual cells respond to patient movement
  - Adaptive to body contours

- **3rd Support Layer:**
  - Provides graded comfort

- **Integrated Strengthened Sides:**
  - Provide lateral stability
  - Assist patient transfer and repositioning

- **Contoured Hinge System:**
  - Unique, keyhole cut conforms to bed profiling

- **Ultra-Soft Deep Immersion Secondary Heel Immersion Layer:**
  - Individual cells provide localised immersion

- **Angled Heel Immersion Layer:**
  - Provides unobtrusive heel relief

- **Firm Base Support Layer:**
  - Provides postural support and transfer stability

- **WHS Friendly, Lightweight**
- **Versatile; 30-250kg Therapeutic Support Loading**
- **Excellent Patient Comfort**
- **Foam Specifications meet 2014 clinical guidelines**

Sovereign S31000
High Risk Static Care Support Surface

High Performance, Suitable for Acute Care
Clinical Pressure Analysis: S31000

Pressure Mapping Parameters
Bed Surface: Alrick, 5 Function Electric Hospital/Homecare Bed
Ambient Temperature: 21°C
Duration: Pressure Mapping was captured after 6 hours of Subject Laying Upon Support Surface
Subject: 98kg, Male, Height: 188cm

Tekscan Pressure Measurement System 7.20C
SENSOR_TYPE 5400D
ROWS 104
COLS 34
SENSEL_AREA 2.89008 cm²
SECONDS_PER_FRAME 0.010319
MICRO_SECOND 0
UNITS mmHg
Sovereign S41000
High Risk Static Care Support Surface

The S41000 Sovereign Support Surface provides gentle pressure relief and comfort effectively supporting patients weighing up to 150kg*. Technology including the Airoform and Ventraflow systems combine seamlessly to provide superior immersion, support and ultimate comfort. The Sovereign S41000 is an incredibly supportive surface for patient transfers, repositioning and primary nursing care.

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EFFECTIVE SUPPORT LOADING* 25-150KG

WARRANTY** 5-YEAR FOAM CORE WARRANTY

APPLICATIONS
- Hospital Ward Usage
- Aged Care
- Palliative Care
- Home Care

Deep Immersion, Effective Pressure Care, Uncompromising Support 25-150kg

AIRO-FORM IMMERSION UPPER LAYER
- Alleviates localised pressure points
- Provides maximum contact with patient for distribution of interface pressure
- Temperature stability to deliver consistent immersion, performance and comfort
- Unique Airo-form ventilation system minimises heat entrapment and enhances core circulation providing a cooler sleep surface
- Visco-elastic cell structure provides low-shear surface

VENTRAFLOW INNER CORE TECHNOLOGY
- Individual profiled castellations within the immersion region cradle the patient and conform to bony prominences
- Lateral and longitudinal air channels facilitate free movement of air throughout core improving internal micro-climate and reducing ‘hot-spots’
- Zoned to provide maximum patient support and immersion
- Provides exceptional comfort and support for repositioning

FIRM BASE LAYER
- Provides protection against ‘bottoming-out’ during transfer, repositioning and whilst in the inclined/fowler position

SLOPED HEEL REGION
- Enhances pressure relief & protection for critical at-risk heel region
- Offloads pressure from the patients heels and transfers it to calf area
- Unobtrusive, does not require any adjustment, suits most patients

PROFILE STABILISING SIDES
- Enables ease of primary patient care
- Facilitates patient transfers
- Unique hinge points allow mattress to easily conform to varied bed positions
- Encourages central patient positioning

TRIPLE LAYERED CORE
- Deep immersion region caters for patients at risk of pressure injury
- Foam conforms to AS/NZS 4088.1 (Int)1993 and FMVSS 302 & SAE T2002
- Anti-microbial treatment applied to foam maximises longevity and core micro-climate
- Conforms to EPUAP, NPUAP & PPPIA Guidelines for quality and comfort
Clinical Pressure Analysis: S41000

NOTES
Pressure Mapping Parameters
Arlin, 5 Function Electric Hospital/Homecare Bed
Z1°C
Pressure Mapping was captured after 6 hours of Subject Laying Upon Support Surface
98kg, Male, Height: 188cm

Tekscan Pressure Measurement System 7.20C
SENSOR_TYPE S40DD
ROWS 104
COLS 34
SENSEL_AREA 2.89008 cm²
SECONDS_PER_FRAME 0.010319
MICRO_SECOND 0
UNITS mmHg
The S45000 Sovereign Support Surface provides gentle pressure relief and comfort effectively supporting patients weighing up to 250kg*. Technology including the Airoform and Ventraflow systems combine seamlessly to provide superior immersion, support and ultimate comfort. The Sovereign S45000 is an incredibly supportive surface for patient transfers, repositioning and primary nursing care.

**Sovereign 250kg**

**Premiflex Ultra Cover**

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The S61000 Sovereign Support Surface is the most advanced, high-performance static support surface available on today’s medical mattress market. Delivering effective patient immersion, shear relief, infection control, durability, patient comfort, nursing support and many other benefits, the Sovereign S61000 is the flagship mattress for Acute Care facilities. Developed in conjunction with clinical experts to provide versatility and seamlessly integrate within the Acute Care model, the Sovereign S61000 is the ultimate static foam support surface for hospital patient care.

**APPLICATIONS**
- Hospital Ward Usage
- Aged Care
- Palliative Care
- Home Care

**ANTI-SHEAR INNER COVER**
- Dramatically reduces shearing forces at the patient interface
- Fine stretch Lycra based material is wrinkle free and conforming to varied bed positions
- Provides additional protection to the foam core

**GEL INFUSED, VISCO-GRADE UPPER COOLING LAYER**
- Visco-elastic cell structure provides low-shear surface and effective immersion
- Gel particles work to absorb excessive heat and regulate patient temperature
- Provides enhanced breathability minimising risk of excessive patient heat
- Provides exceptional comfort

**HIGH-PERFORMANCE, 5 ZONED IMMERSION REGION**
- 4-Zones of lateral and longitudinal castellations within the immersion region cradle the patient and conform to bony prominences
- Dual zoned depth provides postural support
- Open-cell foams freely distribute air and enhance circulation
- Provides reduction of shearing forces at the patient interface
- Ultra-High Performance Foam instantly responds to patient movement and repositioning for ease of primary care

**ADDITIONAL LAYER OF POSTURAL SUPPORT**
- Enhances comfort and support of the patient

**HIGH-PERFORMANCE, FIRM BASE LAYER**
- Premium Grade Foam for ultimate durability
- Prevents patients from ‘bottoming-out’ and provides additional protection for the sacrum region

**SLOPED HEEL REGION**
- Enhances pressure relief & protection for critical at-risk heel region
- Offloads pressure from the patients heels and transfers it to calf area
- Unobtrusive, does not require any adjustment, suits most patients

**5 REGIONS OF PATIENT CARE**
- Deep immersion region caters for patients at risk of pressure injury
- Foam conforms to AS/NZS 4088.1:1993 and FMVSS302 & SAE T2002
- Anti-microbial treatment applied to foam maximises longevity and core micro-climate
- Conforms to EPUAP, NPUAP & PPPIA Guidelines for quality and comfort

**PROFILE STABILISING SIDES**
- Enables ease of primary patient care
- Facilitates patient transfers
- Unique hinge points allow mattress to easily conform to varied bed positions
- Encourages central patient positioning
Premiflex Classic Pressure Care Covers

Forté Premiflex Covers are a superior choice for pressure relief and patient care. Premiflex covers use a selected range of proven pressure relief fabrics based upon their performance, care and longevity in the acute and long-term care setting. Premiflex grade covers are differentiated by their superior performance materials. This includes heavier weight fabrics, increased shear protection, greater resistance to cleaning agents and superior durability within the acute care setting. Handcrafted in our New England NSW facility, Forté Premiflex Covers are custom made to provide precision fitment to support surfaces.

**PREMIUM POLYURETHANE COATED PRESSURE CARE UPPER**
- Superior 4-way stretch for shear protection
- Vapour permeable and breathable
- Flexible and gentle to the skin
- 10000ppm cleaning agent concentration suitability
- Fire retardant, meets BS 6807 ignition source 5 and BS 7175 ignition source 5 standards
- Anti-microbial protection, resistant to patient body fluids

**HEAVY DUTY PVC BASE**
- Durable
- Protects foam core against the bed base
- Provides exceptional conformity and profiling to medical bed surfaces

**INTEGRATED ZIPPER**
- Allows easy cover removal
- Robust and durable
- High frequency welded attachment for optimal protection against fluid ingress

**WATERFALL ZIPPER PROTECTION FLAP**
- Protects additional protection against fluid ingress through zipper
- Meets infection control guidelines

**FULL VAPOUR PERMEABILITY**
- Allows vapour to travel right through the cover at a controlled rate
- Reduces risk of internal infection entrapment and optimises core micro-climate

**CLEANING AND CARE**
- 1000ppm disinfection chemical suitability
- Wipe clean

**HIGH FREQUENCY SEALED AND WELDED SEAMS**
- Electromagnetically fused seams protecting against risk of penetration of fluid
- Meets and exceeds infection control requirements
- Reinforced with additional heavy duty stitching at stress points
- 100% Sealed to prevent ingress of fluid or infection
Premiflex Ultra Pressure Care Covers

Forté Premiflex Covers are a superior choice for pressure relief and patient care. Premiflex covers use a selected range of proven pressure relief fabrics based upon their performance, care and longevity in the acute and long-term care setting. Premiflex grade covers are differentiated by their superior performance materials. This includes heavier weight fabrics, increased shear protection, greater resistance to cleaning agents and superior durability within the acute care setting. Handcrafted in our New England NSW facility, Forté Premiflex Covers are custom made to provide precision fitment to support surfaces.

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- Superior 4-way stretch for shear protection
- Vapour permeable and breathable
- Flexible and gentle to the skin
- 10000ppm cleaning agent concentration suitability
- Fire retardant, meets BS 6807 ignition source 5 and BS 7175 ignition source 5 standards
- Anti-microbial protection, resistant to patient body fluids

HEAVY DOUBLE COATED POLYURETHANE BASE
- Durable
- Protects foam core against the bed base
- Provides exceptional conformability and profiling to medical bed surfaces
- Ignition source 0,1,5

INTEGRATED ZIPPER
- Allows easy cover removal
- Robust and durable
- High frequency welded attachment for optimal protection against fluid ingress

WATERFALL ZIPPER PROTECTION FLAP
- Protects additional protection against fluid ingress through zipper
- Meets infection control guidelines

FULL VAPOUR PERMEABILITY
- Allows vapour to travel right through the cover at a controlled rate
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- 1000ppm disinfection chemical suitability
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