



CAVERSHAM®

NHS-SC SPECIFICATION SHEET

Caversham® Selene

Device type: High-Risk Pressure Care Mattress

SAFE WORKING LOAD

185kg (29 Stone)

PRESSURE CARE CATEGORY

High-Risk

SERVICE LIFE

24-36 Months

Product Description

Caversham® Selene is a high-risk static pressure-redistribution mattress designed to support patients assessed as at increased risk of pressure ulcer development.

The mattress incorporates a castellated high-resilience (HR) foam surface structure, which promotes immersion and even load distribution across the patient interface. The castellated profile supports airflow and micro-climate management while reducing peak interface pressures during extended lying periods.

Selene is suitable for use in hospital wards, care homes, community equipment services and homecare environments, and is compatible with standard profiling and nursing beds.

The mattress is supplied with a waterproof, vapour-permeable multi-stretch PU cover engineered for repeated wipe-cleaning and disinfection in line with NHS Infection Prevention & Control (IPC) protocols.

Key Features

- High-risk pressure care mattress for clinical and community settings.
- Castellated HR foam surface promoting immersion and pressure-redistribution.
- Suitable for patients assessed as High Risk of pressure ulcer development.
- Waterproof, vapour-permeable multi-stretch PU cover.
- High-frequency welded seams for infection-control compatibility.
- Toughened non-slip PU base for stability on profiling beds.
- Compatible with standard NHS detergent cleaning and chlorine disinfectants.

Cover

- **Material:** Waterproof, vapour-permeable multi-stretch PU textile.
- **Construction:** High-frequency welded seams.
- **Closure:** Zip on three sides with protective flap.
- **Base:** Toughened non-slip PU underside for profiling beds.
- **Hydrostatic Head:** 1,500 mm
- **Cleaning compatibility:**
 - Compatible with standard NHS detergent wipes.
 - Compatible with neutral-pH detergent cleaning.
 - Compatible with chlorine-based disinfectants up to 1,000 ppm.
- **Laundering**
 - **Cover**
 - Machine washable up to 80°C.
 - Tumble dry on a low / cool setting.
 - **Foam**
 - Internal foam must not be machine washed or submerged.
 - Foam may be autoclaved up to 140°C where clinically required.

Mattress Core

- **Foam type:** High-resilience (HR) castellated foam.
- **Foam density:** 39 kg/m³
- **Foam hardness:** 120 N
- **Construction:** Single-piece castellated foam structure.
- **Turning requirement:** No turning required.



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Performance & Durability

- **Pressure Care Category:** High Risk
- Designed for repeated clinical use and compatible with NHS infection-control cleaning regimes.
- **Fatigue Class**
BS EN ISO 3385:1995 – Class V
- **Tear Strength**
> 60 N (ISO 4674/A1)
- **Water Penetration Resistance**
Tested to 100 kPa
- **Service Life**
24–36 months depending on usage conditions.
- **Bed Compatibility & Orientation**
Selene is designed for use on standard hospital and community profiling beds.
- **The mattress should be positioned with:**
Stretch PU cover uppermost
Non-slip PU base facing the bed platform.

Ensure the mattress lies flat on the bed base without distortion and that bed articulation does not interfere with mattress positioning.

Dimensions and Weight

- **Size:** 90 cm × 190 cm × 15 cm
- **Mattress weight:** 11.2 kg
- **Safe Working Load (SWL):** 185kg (29 stone)

Compliance & Regulatory

- UKCA and CE marked.
- MHRA registered Class 1 Medical Device.
- **Fire Rating:** BS 7177 – Medium Hazard.
- **Fire Retardancy:** BS 6807:1996 Crib 5.
- Manufactured under ISO 9001-certified QMS.
- Materials compliant with ISO 10993 Biological Evaluation of Medical Devices.

Distributed by



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