PS-004 – Lux Comfort, Firm

PRODUCT SPECIFICATIONS	
Model : Lux Comfort	**Rating :** Firm
Size : HQ, LS, KS, DB, LD, QN	**Category :** Adjustable
Mobility/Medical : Yes	**NDIS Support List :** Yes

PRODUCT SUMMARY

Mattress Assembly: Designed and manufactured in accordance with Pan Pacific Clinical Practice Guidelines for the Prevention and Management of Pressure Injury;

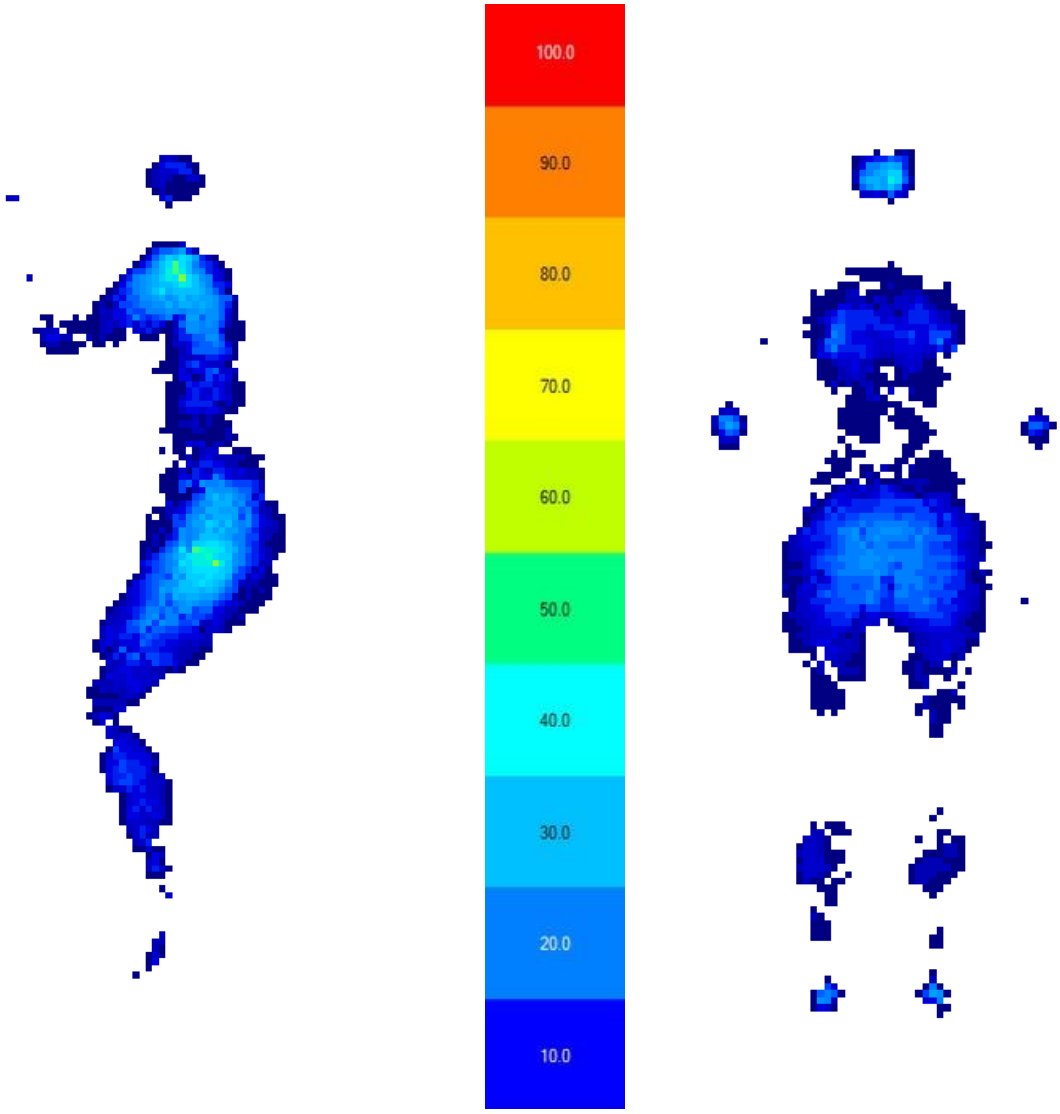
- Types of support surface (table 6.1)
  - Complies as a Reactive Combination using hybrid format comprising of High specification foam, Gel and Air.
- Exceeds the minimum recommendations for high specification foam mattress (table 6.2)
  - **Classification AS 2281-1993 of H, HR or LR** = Yes
  - **Multilayer** = Yes
  - **Depth** = > 230mm
  - **Mattress Assembly MVTR** = Customisable to end user requirements with fabric or vinyl cover
- Designed to provide enhanced pressure care support for individuals with a Waterlow rating of 10-15 (At Risk)

This mattress is primarily designed for mobility and medical purposes and is compatible with adjustable bed bases.

PRODUCT TESTING

Fabric Safety Standard : Compliant to OEKO-TEX Standard 100, Product Class 1, SHKO 064515
Foam Safety Standard : Compliant to OEKO-TEX Standard 100, Product Class 1, SHAO 116007
Clinical Pressure Mapping : Tested in accordance with AP-006 Pressure Mapping Procedure
Bamboo Fibre : Certified EU Ecolabel for textile products AT/016/001
Pressure Memory Foam : Tested in accordance with Australian Standard AS 2282

CLINICAL PRESSURE MAPPING	
Model : Lux Comfort, Firm	**Location:** Brisbane Australia
Test Equipment : XSensor Pro V8	**Test Date :** 31/07/25
Bed Surface : SmartFlex 3	**Ambient Temperature :** 22°C
Units : mmHg	**Tested By :** Trent Collins
Test Subject Height : 160cm	**Test Subject Weight :** 65kg



XSENSOR PRO v8 DETAILS	
Sensor: PX100:64. 160.02	**Rows :** 160
Resolution : 0.5	**Columns :** 64
Calibration : ISO/IEC 17025:2017	**Frame Rate:** 443 fps

Avante uses the XSENSOR pressure mat for accurate measurement and image quality to analyse pressure data. Pressure Mapping quantifies the interface pressure distribution between the body and the mattress to assist in ensuring peak and average pressures are assessed to reduce the risk of pressure injuries.