

BEDMASTER®

Health Flex®



Background

The **Australian Made** Oscar Health Flex mattress has been developed to assist in providing therapeutic benefits as well as superior comfort and functionality.

Unlike other healthcare mattresses on the market, the Health Flex has the appearance of a domestic mattress.

With Soft, Medium and Firm feels and **side wall option**, there is a Health Flex to suit your needs.



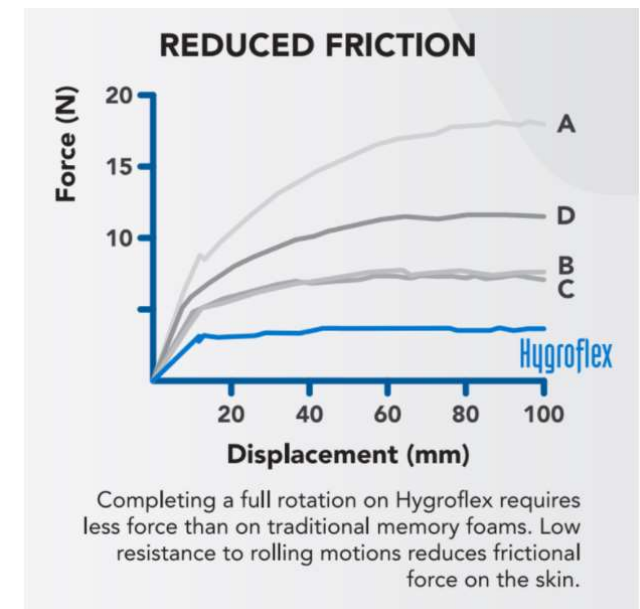
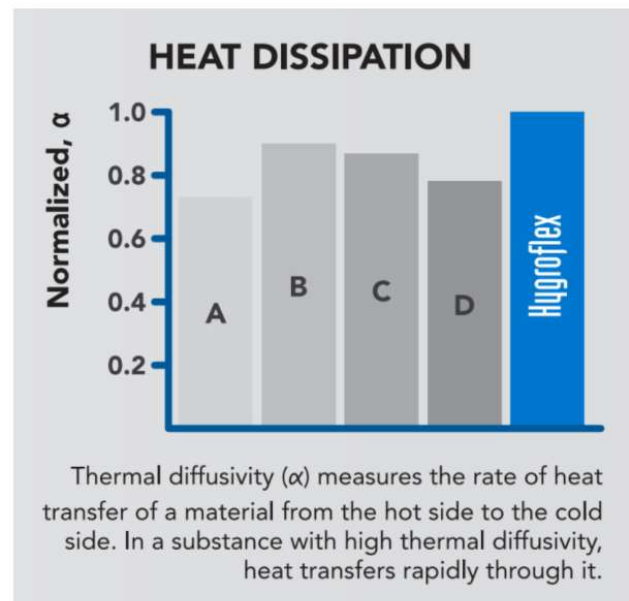
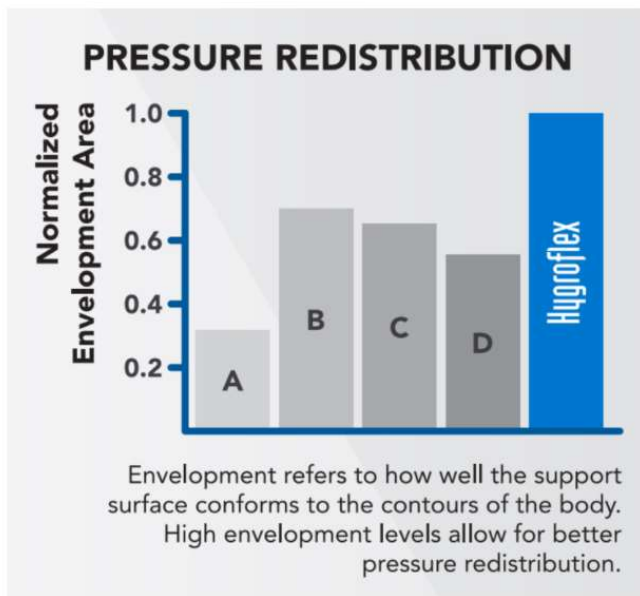
Technology & Research

The Health Flex utilises Joyce Hygroflex foam, which has been tested by RMIT for its benefits. The research conducted discovered the following:

- ✓ More effective **pressure redistribution** than traditional memory foam.
- ✓ Superior airflow, **diffusing body heat** more rapidly.
- ✓ No 'sinking feeling' that most memory foams experience.
- ✓ Generates less force, reducing friction and **minimising the risk of developing pressure ulcers**.

Technology & Research

“RMIT research proves Hygroflex provides more comfort and is more effective in reducing pressure sores than traditional memory foams”



Development

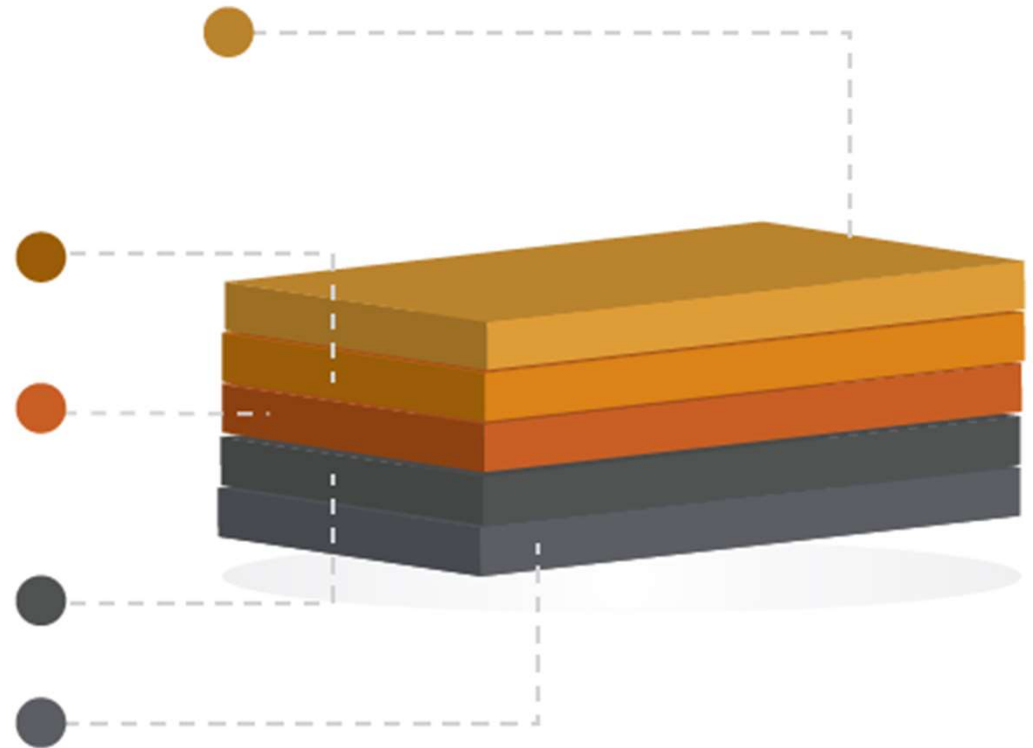
Super soft foams gives the quilting depth and a soft luxurious feel. Visco gel (gel infused memory foam) enhances quilting layer and pressure point relief

Hygroflex superb body conforming foam with superior pressure point relief and heat dissipation

Convoluteds plush foam

Premium foam enhances and assists in determining the feel, providing excellent support and comfort

Support layer



Mattress Specifications

Soft,
Medium &
Firm feels

SINGLE

92CM x
187CM

3'0" x 6'2"

LONG SINGLE

92CM x
203CM

3'0" x 6'8"

KING SINGLE

106CM x
203CM

3'6" x 6'8"

DOUBLE

137CM x
187CM

4'6" x 6'2"

Optional side
walls

LONG DOUBLE

137CM x
203CM

4'6" x 6'8"

QUEEN

153CM x
203CM

5'0" x 6'8"

SPLIT QUEEN

76CM x
203CM

2'5" x 6'8"
(per side)

KING

183CM x
203CM

6'0" x 6'8"

Mattress Protection

Health Flex Preserve- Waterproof Cover

- ✓ Carflex Extreme cover – hospital grade
- ✓ Heavy duty waterproof reinforced vinyl base for improved durability
- ✓ Fully welded cover and waterfall covered zip for superior sealing and infection control
- ✓ Grab handles welded to mattress to assist with handling
- ✓ Fitted to Health Flex Mattress core, ensuring all the benefits of the Health Flex Mattress
- ✓ Available in full range of Health Flex Mattress sizing
- ✓ Australian Made
- ✓ Removable/Replaceable cover

Mattress Protection

Health Flex Refresh- Washable Cover

- ✓ Waterproof surface – spill needs to be attended to
- ✓ Cover is machine washable, guaranteed for 10 times – cold wash and line dry only
- ✓ Textile treated with Adaptive, keeping you cool and dry throughout the night
- ✓ 2 part zipped cover for ease of cover removal and re-fitting
- ✓ Fitted to Health Flex Mattress core, ensuring all the benefits of the Health Flex Mattress
- ✓ Available in full range of Health Flex Mattress sizing
- ✓ Removable/Replaceable cover

Mattress Bolster

A bolster can be added when additional length in a mattress is required, adding 30cm to the length.

The bolster is secured with a zip to limit any movement.

Available to suit:

- Single
- Long Single
- King Single



Additional Information

- ✓ Optional side walls available, adding integrity to the mattresses edge and assisting with transfer.
- ✓ The Health Flex mattress is topped with a Bamboo fabric, which is a natural, breathable and softer fabric.
- ✓ Adaptive moisture wicking technology in the Bamboo fabric, draws moisture away from the body, keeping you cooler and more comfortable during your sleep.
- ✓ Recent testing which replicated 8-10 years of sleep with 150kg of weight, reduced the overall hardness by only 2%.
- ✓ 10 year guarantee.

Pressure Testing Results

HealthFlex model and unique “hero” foams.

Durability:

- Rollator technology tests replicate an average mattress lifetime of 8-10 years in continuous use.
- Results show minimal body impressions for the all-foam product's 10-year warranty period, averaging 2% height loss results – exceptionally low percentages.

Pressure-mapping:

- Test made using both an 80kg mannequin model and representative human test subject.
- Compared to market product on the same test, the HealthFlex model exhibits both lower average and peak pressure:
 - Averaging at least 20% across the body, upwards of almost 50% for the head zone.
- Results show it better distributes out a person's body pressure over time.
- Stronger pressure redistribution performance helps maximise user comfort and minimise the development of pressure-related injuries.

Temperature:

- Special sensors measure the movement of heat through foams from a heated water bladder torso.
- Strong results on all three hero products compared to standard memory foams.
 - In addition to their comfort benefits, these foams performed at least 2-3°C cooler over the time buildup.
- Copper Gel and Mem Air's unique properties take longer to heat up, having the capacity to absorb and store heat energy away from the body to achieve better cooling.
- Hygroflex (with its high porosity properties) transfers heat energy away from the body at a faster rate to achieve better cooling.



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