



## WRHA Home Care Mattress Selection Guide

### GeoMatt™ 350 SAP #313101 - REACTIVE-FOAM

#### Client Profile:

- Clients not at risk for developing a pressure injury but requiring a standard Home Care electric bed.

#### Features:

- Single layer of foam with segmented surface of cross cut cells to allow increase envelopment and decrease shearing.
- Wipe-clean, moisture proof antimicrobial cover.
- Heel slope to distribute pressure over lower legs.
- Weight Capacity: 350 lbs/159 kgs.
- Dimensions: 80" L x 35" W x 6"H (203 cm x 89cm x 15 cm)



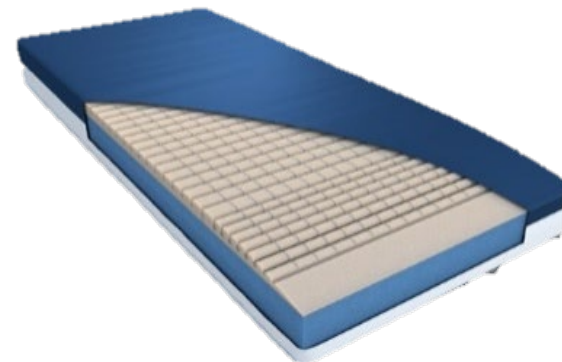
### GeoMatt™ Plus SAP #314491 - REACTIVE - FOAM

#### Client Profile:

- Clients at mild to moderate risk of a pressure injury. E.g. Braden score > 13.
- Clients may have multiple stage one or a single stage two pressure injury other than heels.

#### Features:

- Dual layer progressive resistance foam. Soft top layer for increased immersion, and bottom layer for stability.
- Top layer of 2" foam is GeoMatt™ design which provides a ring of air to prevent heat/moisture, decrease shear and improve envelopment.
- Wipe-clean, moisture proof antimicrobial cover.
- Heel slope to distribute pressure over lower legs.
- Weight capacity 400 lbs or 181kgs.
- Dimensions are: 80" L x 35" W x 6"H or 203 cm x 89cm x 15 cm.





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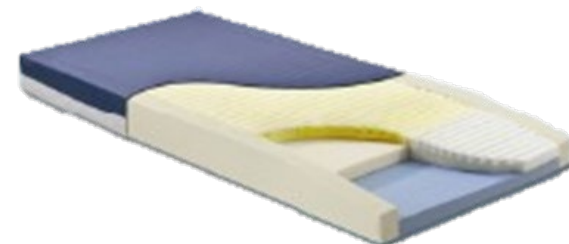
### GeoMatt™ Max: SAP #287291 standard length and SAP #307321 extended length: REACTIVE - FOAM

#### Client Profile:

- Clients at mild to moderate risk of a pressure injury. E.g. Braden score > 13.
- Clients may have multiple stage one or a single stage two pressure injury other than heels.
- Use when the client is tall and needs the bed extension kit on the home care bed.

#### Features:

- Three layers of foam with progressive resistance with extra soft top for better immersion.
- Top layer of 2" foam is GeoMatt™ design which provides a ring of air to prevent heat/moisture, decrease shear and increase envelopment.
- Has firm foam perimeter to increase stability for transfers/sitting on the side of the bed and to reduce entrapment risk.
- Heel slope to distribute pressure over lower legs with memory foam for enhanced immersion in the heel slope.
- Wipe-clean, moisture proof antimicrobial cover.
- Weight Capacity of 400lbs or 181 kgs.
- Dimensions: 80" (standard length) or 84" (extended length) x 35" W x 6" H or 203/213 cm x 89cm x 14cm



### Varitech SAP # 204064 - REACTIVE - FOAM (FOR BARIATRIC BEDS ONLY)

#### Client Profile:

- These mattresses are **standard** on the bariatric beds owned by WRHA Home Care through HomEquip.
- Clients at mild to moderate risk of a pressure injury. E.g. Braden score > 13.
- Clients may have multiple stage one or a single stage two pressure injury other than heels.

#### Features

- Two layers of foam with progressive resistance.
- Can be adjusted to three different widths: 38.5"/98 cm, 46"/117cm or 54"/137 cm.
- 80"/203 cm L x and 5"/13cm H
- Weight capacity of 700 lbs or 318 kgs.





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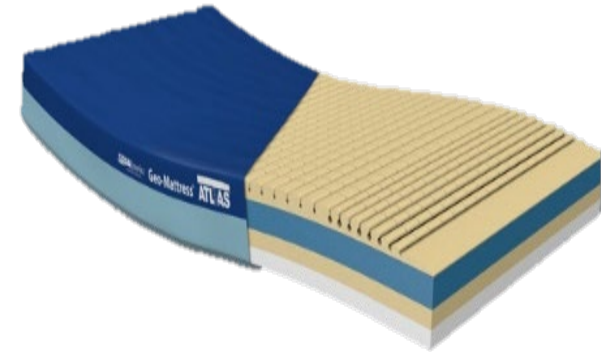
### GeoMatt™ Atlas SAP 313102 - 48"/122 cm wide and SAP 127816 - 53"/135 cm wide REACTIVE - FOAM (FOR HEAVY DUTY AND BARIATRIC BEDS ONLY)

#### Client Profile:

- These mattresses are standard on the heavy duty and bariatric beds rented through Materials Distribution Agency.
- Clients that are at mild to moderate risk of a pressure injury. (Braden score > 13)
- Clients may have multiple stage one or a single stage two pressure injury other than heels.

#### Features:

- Three layers of progressively firmer foam with a 2" GeoMatt™ design topper to reduce heat/moisture, shear and improve envelopment.
- Heel slope to help adjust weight off heels.
- Wipe-clean, moisture proof antimicrobial cover.
- 2 widths available: 48"/122 cm or 54"/135cm
- Length of 80"/203 cm and height of 7"/18cm.
- Weight capacity: intended for clients between 350 lbs/159 kgs. and 750lbs/340 kgs.



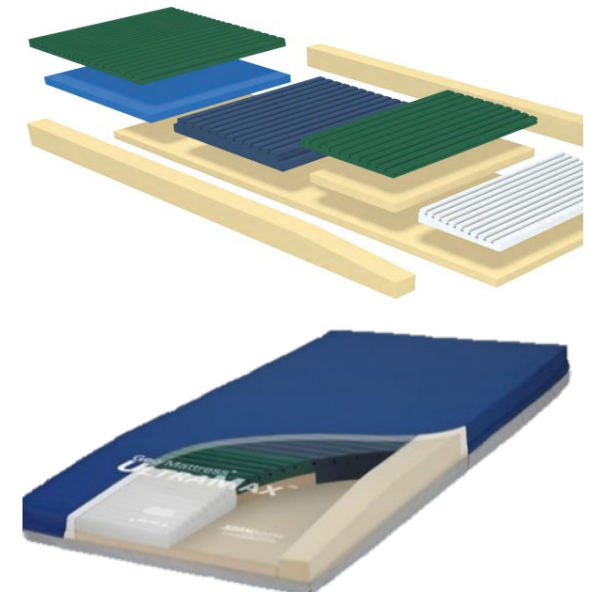
### GeoMatt™ UltraMax SAP 127814 - REACTIVE - FOAM

#### Client Profile:

- Clients that are at moderate-high risk of pressure injuries (other than the heels) that need to have the head of bed above 30 degrees for long periods of time.
- Can be used for multiple stage two and up to a single stage three pressure injury.

#### Features:

- Three layers of progressively firmer foam with a 2" GeoMatt™ topper to reduce heat/moisture, shear and improve envelopment.
- Firm foam perimeter to increase stability for transfers/sitting on the side of the bed and to reduce entrapment risk by reducing gaps between mattress and rails.
- Increase support factor in the seat area for protection from "bottoming out."
- Heel slopes to distribute pressure over lower leg with memory foam for enhanced immersion in the heel slope.
- Has fabric bands on the underside of the cover beneath the scapula, heels and sacrum to decrease shear when gliding over these zones.
- Weight capacity 500lbs/227 kgs.
- Dimensions are: 80"L x 36"W x 6"H/203 cm x 93 cm x 15cm.
- Wipe-clean, moisture proof antimicrobial cover.





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### **Solace SAP #324007 - REACTIVE FOAM (FOR USE WITH FALL PREVENTION BEDS ONLY)**

#### **Client Profile:**

- Standard with the fall prevention beds through HomEquip.
- Can be used for clients at low to moderate risk of a pressure injury.

#### **Features:**

- Two layers of foam. Top layer is zoned with softer head and heel section.
- The convoluted “fortress” cut design offers more surface area for patient support and relief.
- Washable cover
- Weight capacity of 350 lbs/159kgs.
- Dimensions of: 80”/203 cm x 36”/91 cm x 6”/15cm



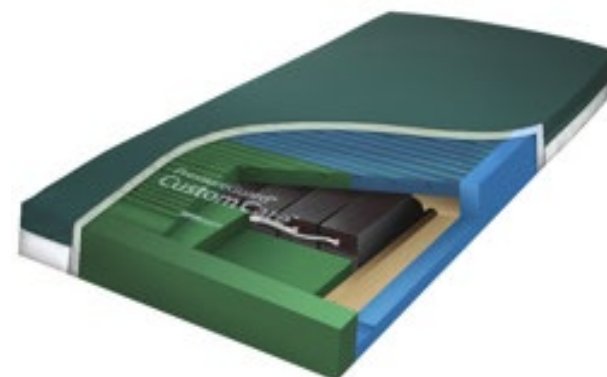
### **Custom Care Non-Powered SAP #127820 - REACTIVE - ALTERNATING AIR (NON-POWERED)**

#### **Client Profile:**

- Clients at high risk of a pressure injury (e.g. Braden score of < 13) with poor activity/mobility on the subscales.
- Clients may have multiple stage 2 pressure injuries or a single 3 or 4 pressure injury (other than heels) that can be off-loaded/client can reposition self.

#### **Features:**

- Foam mattress with four interconnected longitudinal air support chambers, as the user moves or repositions on the surface, the air chambers react by transferring air between the chambers in relation to the user's weight and position
- Firm foam perimeter to increase stability for transfers/sitting on the side of the bed and to reduce entrapment risk.
- Top layer of 2” foam is a Geomatt design which provides a ring of air to prevent heat/moisture, decrease shear and increase envelopment.
- Has fabric bands on the underside of the cover beneath the scapula, heels and sacrum to decrease shear when gliding over these zones.
- Heel slope to distribute pressure over lower legs with memory foam in the heel slope for enhanced immersion in the heel slope.
- Weight capacity of 500 lbs or 227 kgs.
- Wipe-clean, moisture proof antimicrobial cover
- Dimensions are: 80"L x 36"W x 7"H/203 cm x 93 cm x 18cm.





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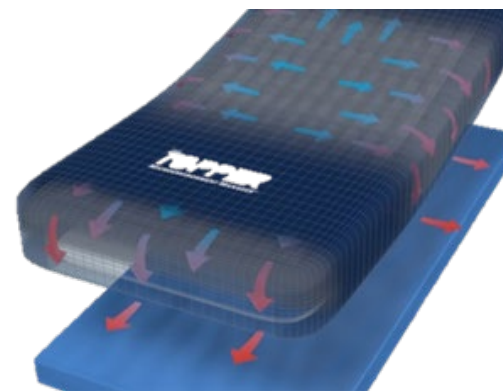
### **Topper: Microenvironment Manager SAP 127803- 36" wide, SAP 127805- 48" wide, and SAP 127806- 54" wide - REACTIVE-LOW AIR LOSS**

#### **Client Profile:**

- Provides a flow of air to assist in managing microclimate, intended for clients with a Braden subscale of 1-2 on moisture due to perspiration (not urine) or heat (febrile).
- Clients under 100 bs/ kgs that may not immerse in other mattresses may benefit as will provide some float

#### **Features:**

- Used when skin maceration is a concern due to temperature or perspiration. (Not for urine or wound exudate). Continuous air flow between the two layers of fabric beneath the client removes excessive moisture.
- Air circulates in space between two layers and does provide some "float" for immersion especially for clients under 100 lbs/45 kgs that may not immerse enough in other mattresses for pressure redistribution.
- Attaches like a fitted sheet to most mattresses with pump hanging on the foot board.
- Fluid resistant, anti-fungal and bacteriostatically treated.
- All toppers are 80" or 203 cm in length.
- Three width options:
  - 36"/91cms with weight capacity of 500 lbs/226 kgs,
  - 48"/122cms with weight capacity of 1,000lbs/454 kgs
  - 54"/137cms with weight capacity of 1,000lbs/454 kgs.
- Low air loss compatible underpads should be used as needed.





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### APM2 and APM: SAP 127809 -35" wide, SAP 128097 48" wide and SAP 127811 54" wide - ACTIVE – POWERED ALTERNATING AIR

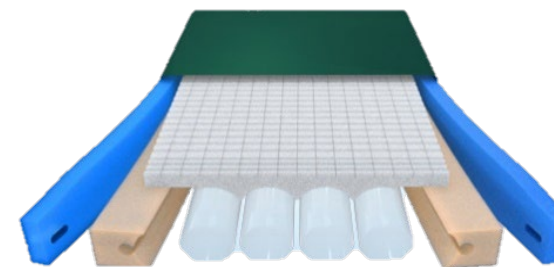
#### Client Profile:

- Intended for clients that have multiple stage three/four pressure injuries (other than on the heels) that cannot be off-loaded AND/OR can't/won't reposition frequently and are at a high risk for pressure injuries. (Braden <13)

For use with heavy duty and bariatric beds rented through Materials Distribution Agency

#### Features:

- Inflation system of four interconnecting longitudinal cylinders within a foam shell with a 2" GeoMatt™ topper to reduce heat/moisture, shear and improve envelopment.
- Has fabric bands on the underside of the cover beneath the scapula, heels and sacrum to decrease shear when gliding over these zones.
- Firm foam perimeter to increase stability for transfers/sitting on the side of the bed and to reduce entrapment risk.
- Heel slope to distribute pressure over lower legs
- Cannot be used without the pump.
- Wipe-clean, moisture proof antimicrobial cover
- Auto-Firm mode to be used for transfers and ADLs: cylinders fill for twenty minutes
- Float mode provides powered floatation therapy with all four cylinders filled with air.
- Alternate mode moves air between cylinders in ten-minute cycles with a choice of alternating pressure or lateral rotation. Use the toggle switch (picture) which is located on the side of the mattress at the foot end of the bed to choose alternating or lateral rotation. The alternating option will inflate alternate inflating cylinders 1 and 3 with 2 and 4 every 5 minutes. The lateral rotation option will allow inflate the two air cylinders on one side while the two on the opposite deflate, gently rotating the person 20 degrees to one side. The pattern reverses every 5 minutes. Lateral rotation mode should not be used with head of bed elevated beyond 30 degrees.
- NOTE: Lateral rotation is not available on the 54" wide mattress.
- The comfort level can be adjusted for client's comfort. Clients over 120 lbs/54kgs should not use level one. Clients may require comfort level to be adjusted once moved to a different position.
- If power is lost, do not unplug the control unit or disconnect air lines from the control unit. The air cylinders will equalize pressure in the support cylinders and maintain inflation.
- All 3 mattress are 80in/203cm in length and 7"/18cm in height. There are 3 widths.
  - 35"/89cms with a 350 lbs/159kgs weight capacity
  - 48"/122cms with a 750lbs/340 kgs. weight capacity
  - 54"/137cms with a 750lbs/340 kgs weight capacity





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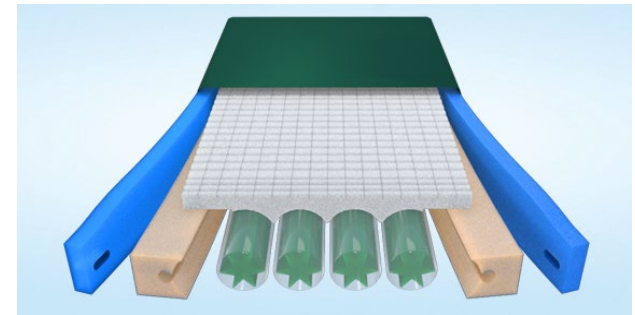
### Custom Care Convertible LAL COMBINATION ACTIVE/REACTIVE Powered Alternating Air and Low Air Loss SAP 127817 Pump SAP 127819 Mattress

#### Client Profile:

- Intended for clients needing end of life care AND/OR has multiple stage three/four pressure injuries (other than the heels) OR a stabilized (4-6 weeks post-op: flap/graft) that requires microclimate management of perspiration or wound exudate.

#### Features:

- Inflation system of four interconnecting longitudinal cylinders and two elasticized reservoirs within a foam shell with a 2" GeoMatt™ topper to reduce heat/moisture, shear and improve envelopment.
- The air cylinders are star-shaped to provide maximum air volume.
- Has fabric bands on the underside of the cover beneath the scapula, heels and sacrum to decrease shear when gliding over these zones.
- Mattress can be used with or without the pump.
- When used without the pump the surface will adjust the air cylinders to the appropriate, therapeutic level based on clients' weight and position.
- The optional pump provides the option of low air loss plus the choice of alternating pressure, rotation therapy or powered floatation modes. Using the disconnect button resets the inflation level back to an ideal therapeutic setting without the pump
- Low air loss is used when skin maceration is a concern due to temperature or perspiration. (Not for urine or wound exudate). Continuous air flow between the two layers of fabric beneath the client removes excessive moisture. Low air loss compatible underpads should be used as needed if using this feature.
- Choose between a therapy mode: Alternating mode moves air between cylinders in 15 minutes cycles, this option will inflate alternate inflating cylinders 1 and 3 with 2 and 4. The lateral rotation option will allow inflate the two air cylinders on one side while the two on the opposite deflate, gently rotating the person 20 degrees to one side in 15-minute cycles. Lateral rotation mode should not be used with head of bed elevated beyond 30 degrees.
- Lockout button on pump can be used by hold firmly for 3-4 seconds to lock in choices. Hold the button again for 3-4 seconds to make changes.
- The comfort level can be adjusted for client's comfort. Clients over 120 lbs/54kgs should not use level one. Clients may require comfort level to be adjusted once moved to a different position.
- Firm foam perimeter to increase stability for transfers/sitting on the side of the bed and to reduce entrapment risk.
- Heel slope to distribute pressure over lower legs
- If power is lost, do not unplug the control unit or disconnect air lines from the control unit. The air cylinders will equalize pressure in the support cylinders and maintain inflation
- 500 lbs/227kgs weight capacity.
- Dimensions: 80" L x 36" W 7" H or (203 x 91 x 18cm)





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### References:

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