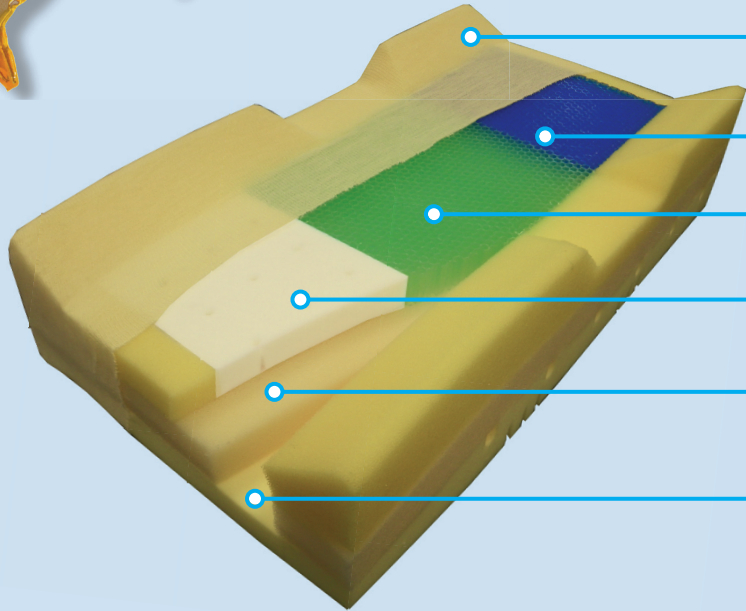


AirFlo Mattress

Stimulite® technology combined with proven foam support surfaces to create one superior therapeutic mattress.



Extra firm 3" bolsters assist with patient ingress and egress and reduce the gaps between mattress and side rails.

Head of patient is supported by softer Stimulite section of mattress.

Trunk section of patient is supported by firmer Stimulite section.

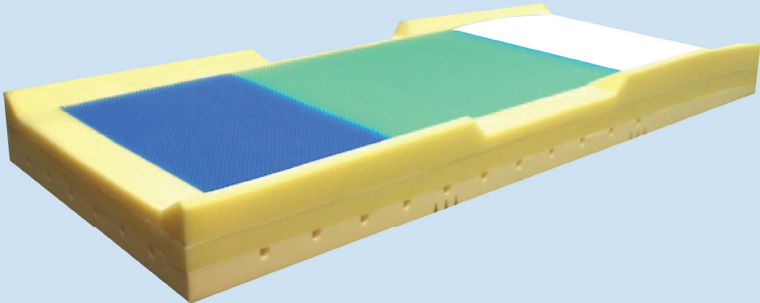
Memory foam section helps to cradle heel of patient.

Open Cell foam layer allows air to circulate through to the stimulite layer.

Air channels in the high resilience foam layer allows for unobstructed air flow and enhances the mattresses ability to reach thermal equilibrium.

- Three layer, dual zoned Stimulite design provides maximum patient comfort and pressure redistribution
- Bolsters help keep patients centered and reduce the gaps between mattress and side rail
- Stimulite "honeycomb design" provides pressure relief, reduced shearing and ventilation to control heat and moisture
- Patient movement stimulates circulation of air throughout the mattress, providing a more favorable microclimate
- Lateral and longitudinal air channels allow for increased air flow to pass through our open cell foam layer and into the ventilated stimulite portion of the mattress

- Cover is antimicrobial, hypoallergenic, easily cleaned
- Memory foam layer in heel section provides reduced interface pressure



Weight Capacity	400 lbs
Dimensions	Mattress 80" x 35" x 6"
Weight	Mattress: 27 lbs
Warranty	5 years



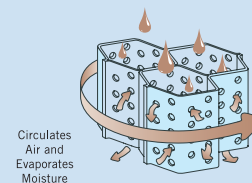


STIMULITE[®]

provides Total Pressure Management[®]

Maceration Resistance

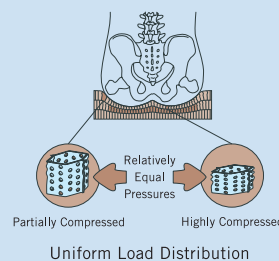
Skin maceration is softening of the skin as a result of continual exposure to heat and bodily fluids or moisture. Severely softened or macerated skin is less tolerant of pressure and can lead to breakdown. Stimulite honeycomb is perforated, enabling air to circulate and moisture to evaporate which helps maintain skin integrity. The “footprint” of the honeycomb cells and their flexing action stimulates blood flow to enhance circulation.



Complete Ventilation System

Pressure Relief plus Positioning

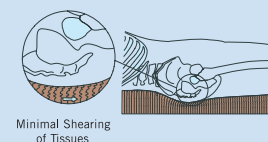
Stimulite honeycomb relieves pressure by distributing it away from hot spots. As a result, bony protuberances “feel” the same pressure as the surrounding anatomy. The honeycomb cells conform to body shape, and distribute weight uniformly. Additionally, Stimulite honeycomb stabilizes any position due to the axial buttressing of the honeycomb cell walls perpendicular to the anatomy.



Uniform Load Distribution

Shear Force Reduction

The horizontal stiffness of a material determines both its shear resistance and stability. Too much stiffness increases shear forces, while too little decreases stability. Stimulite honeycomb minimizes shearing without sacrificing stability. The honeycomb cells align themselves axially to the body, flex with movement to reduce shear forces against the skin and then instantaneously resume their original shape.



Diffuses Lateral Forces