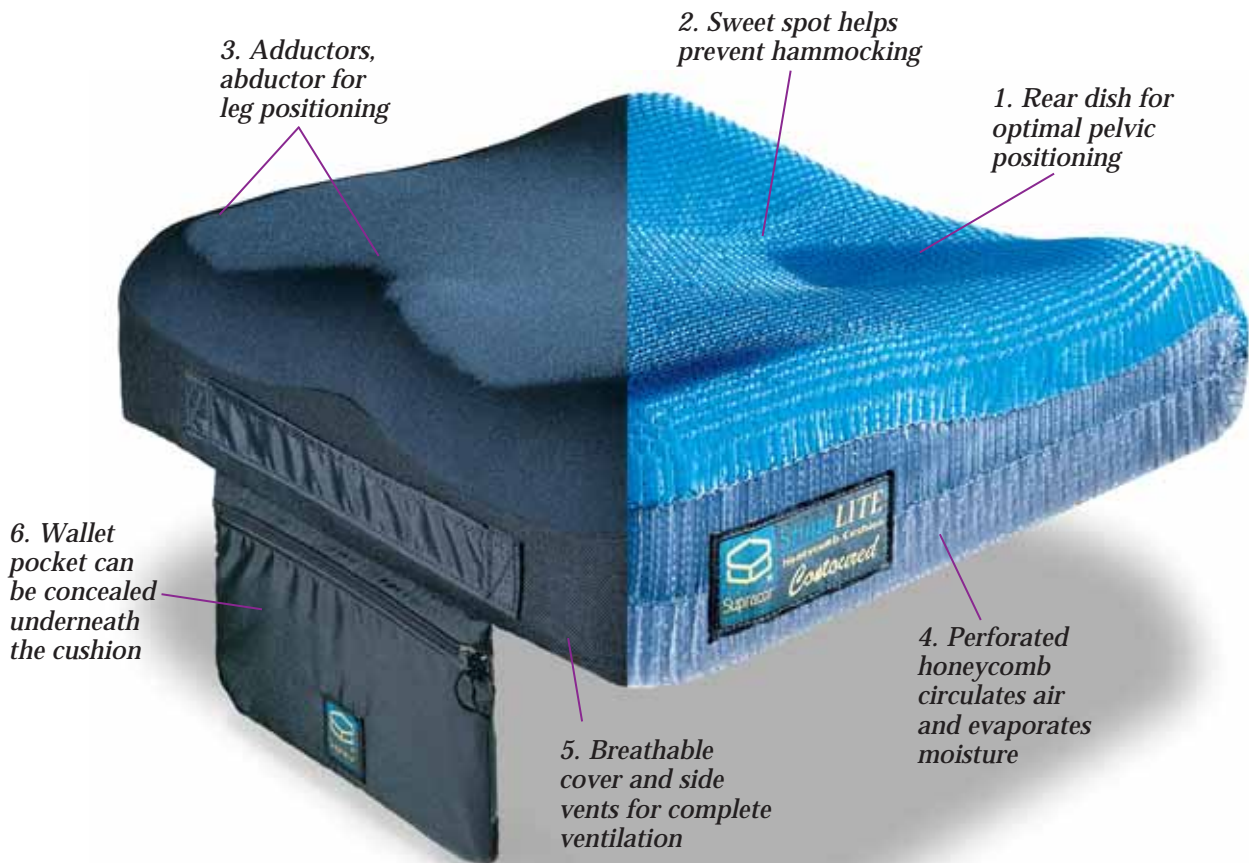


# StimuLITE

## CONTOURED CUSHION



STIMULITE: CONTOURED CUSHION



### TOTAL PRESSURE MANAGEMENT<sup>®</sup>

The Stimulite<sup>®</sup> Contoured Cushion provides excellent positioning and superior pressure management. A multilayered honeycomb is shaped into a subtle contour and specially engineered with soft and firm areas. A rear dish (1) provides optimal pelvic positioning for improved posture and stability. The rear dish features a “sweet spot” (2)—a softer honeycomb that contains the ischials and coccyx, and helps prevent hammocking. The sweet spot gradually transitions to a firmer honeycomb, distributing weight away from the ischials and toward the trochanters and thigh area. Adductors and an abductor (3) comfortably contain the legs.

Stimulite cushions combat decubitus with their unique approach to pressure management. Pressure, shearing and maceration—softening of the skin due to heat and moisture—are the primary causes of decubitus. Stimulite cushions relieve pressure, reduce

shearing and resolve the problem of maceration. All Stimulite cushions feature a patented *perforated honeycomb* (4) which allows air to circulate and moisture to evaporate. A *breathable cover fabric and side vents* (5) complete the Stimulite ventilation system and keep the user cool and dry. By controlling pressure, temperature and moisture, Stimulite Honeycomb Cushions combat skin maceration. They address the primary causes of decubitus to provide Total Pressure Management<sup>®</sup>.

The Stimulite Contoured Cushion is ideal for paraplegics and other individuals who require a higher level of positioning and pressure management. Weighing just over 3-1/4 pounds, the 3-inch thick cushion is easy to handle and requires no maintenance. The cover features a *wallet pocket* (6) which can be concealed underneath the cushion. Both cushion and cover are machine washable and dryer safe.



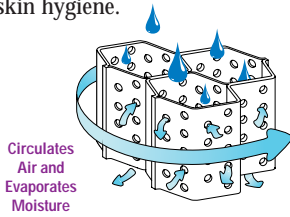


## Total Pressure Management



### Maceration Resistance

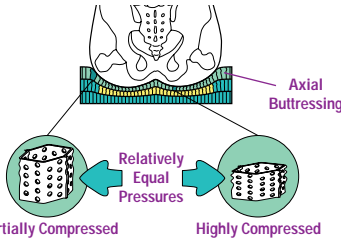
Skin maceration is softening of the skin due to continual exposure to heat and bodily fluids or moisture. Severely softened or macerated skin is less tolerant of pressure and can lead to breakdown. Stimulite honeycomb is perforated, allowing air to circulate through the cushion and moisture to evaporate. A breathable cover wicks away moisture and helps keep the skin dry. Both the Stimulite cushion and its cover are machine washable and dryer safe, making it easy to maintain good skin hygiene.



Complete Ventilation System

### Pressure Relief plus Positioning

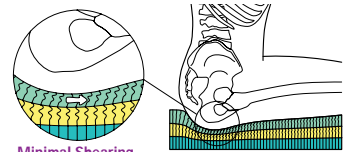
Honeycomb's cellular structure provides uniform load distribution by distributing pressure away from hot spots. As a result, bony protuberances "feel" the same pressure as the surrounding anatomy. The Stimulite Contoured Cushion's engineered design distributes weight away from the ischials and towards the trochanters and soft tissues under the thigh. A softer honeycomb—the sweet spot—contains the ischials and coccyx and helps prevent hammocking.



Uniform and Stable 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 and flex with movement to reduce shear forces against the skin.



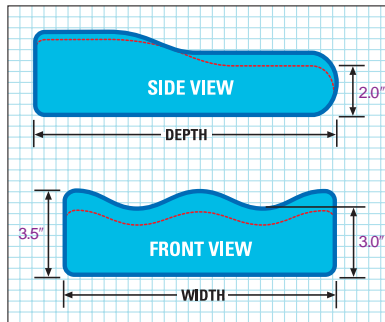
Diffuses Lateral Forces

## Stimulite Contoured Cushion



The Stimulite Contoured Cushion is recommended for paras, quads and other individuals requiring a higher level of positioning and pressure management. A rear dish features a sweet spot, softer honeycomb material that contains the ischials and coccyx and helps prevent hammocking. The sweet spot gradually transitions to a firmer honeycomb for added support. Adductors and an abductor comfortably contain the legs, without making transferring difficult. Perforated honeycomb allows air to circulate

through the cushion and moisture to evaporate. This unique ventilation system reduces skin maceration to provide Total Pressure Management.



- *Lightweight — just over 3 lbs.*
- *Exceptionally stable*
- *Unique ventilation system*
- *Machine washable and dryer safe*
- *Provides Total Pressure Management*
- *Available in sling bottom for highly slung vinyl seats*

*The Stimulite Contoured Cushion is available in width and depth sizes ranging from 14 to 20 inches. A sling bottom version is also available for the highly slung vinyl seat wheelchairs. To order, call 1.800.SUPRACOR.*



800.787.7226

www.supracor.com