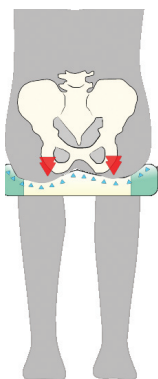


## **VARILITE® Technology**

The right postural support is the key to a healthy lifestyle. VARILITE® Technology combines the best characteristics of foam and air to provide excellent skin protection, stability, and comfort.



### **VARILITE® Technology Combines the Best Qualities of Foam and Air**

**Foam:** Provides support and conformation. Foam behaves like a spring and compresses under load.

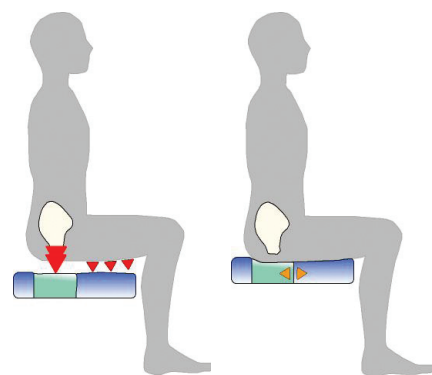
**Air:** Provides pressure relief. Air, like fluid, displaces under load.

Air in a VARILITE® cushion supports the load, while foam keeps the air where it's needed and preserves the cushion shape.

### **VARILITE® Technology Creates Immersion**

- The valve releases air to immerse the user into the foam
- Each cell of the open-cell foam provides support and distributes the pressure
- Increased immersion provides increased load distribution and greater stability
- Optimal pressure distribution is achieved over the largest possible area

### **VARILITE® Cushions are Dynamically Supportive**



The combination of soft foam (green) under the pelvis and firmer foam (blue) under the thighs creates continually adjusting forces (orange arrows) that evens out the interface pressures (red arrows).

- Pressure distribution
- Postural support
- Vibration reduction
- Self-Inflating valve
- Light weight
- Low maintenance



## A Better Way to Sit™ Une meilleure façon de s'asseoir

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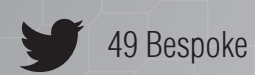
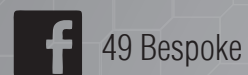
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## Seating & Positioning



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**VARILITE®**  
*Selection Guide*

VARILITE® is the leader in ultra-lightweight Air-Foam Floatation wheelchair seating systems and back supports.

Air-Foam Floatation combines the best characteristics of air and foam to provide excellent pressure distribution, comfort, and stability.

Our family of postural support systems includes seat cushions, back supports, secondary supports, and seating accessories.

**Maintenance:**

Once a week, allow your VARILITE® cushion to fully inflate overnight with the valve open.

**Warranty:**

2 years, excluding cushion cover.



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Back Support

	ICON™ LOW	ICON™ MID	ICON™ TALL	ICON™ DEEP
Cushion Composition	Air-Foam Floatation	Air-Foam Floatation	Air-Foam Floatation	Air-Foam Floatation
Shell Compositopn	aluminum	aluminum	aluminum	aluminum
Hardware Composition	aluminum	aluminum	aluminum	aluminum
Cover Type				
Valve Type				
Back Angle Recline	20°	20°	20°	20°
Seat Depth Adjustment	7.2"	7.2"	7.2"	7.2"
Attachment Location	2 point hardware	2 point hardware	2 point hardware	2 point hardware
Upper Trunk Positioning		☑	☑	☑
Lower Trunk Positioning	☑	☑	☑	☑
Lateral Trunk Positioning		☑	☑	☑
Lateral Support Compatible		☑	☑	
Weight (18 in.) (includes all hardware)	3.4lbs	4.3lbs	5.5 lbs	6.4 lbs
Pediatric Sizes		☑	☑	
Bariatric Sizes		☑		



POSITION USE				
<b>EVOLUTION BACK™ REG</b>	<b>EVOLUTION BACK™ TALL</b>	<b>EVOLUTION BACK™ DEEP</b>	<b>JUNIOR MID BACK</b>	<b>JUNIOR DEEP BACK</b>
The Evolution Back is an ideal positioning back for wheelchair users with moderate to maximum support needs.	The Evolution Back Tall is an ideal positioning back for wheelchair users with moderate to maximum support needs and those in need of more trunk support	The Evolution Back Deep is ideal for wheelchair users with moderate to maximum support needs. Deep contouring and extra lateral support are ideal for the geriatric user, or anyone with poor trunk control.	Lightweight and easy to use, the JUNIOR Back Support is perfect for children and families on the go. Moderate positioning is achieved using an adjustable VARILITE ir-foam floatation cushion and versatile mounting hardware.	Lightweight and easy to use, the JUNIOR Back Support is perfect for children and families on the go. Moderate positioning is achieved using an adjustable VARILITE ir-foam floatation cushion and versatile mounting hardware.
Air-Foam Floatation	Air-Foam Floatation	Air-Foam Floatation	Air-Foam Floatation	Air-Foam Floatation
aluminum	aluminum	aluminum	aluminum	aluminum
metal	metal	metal	metal	metal
mesh	mesh	mesh	mesh	mesh
standard	standard	standard	standard	standard
15°	15°	25°		
3"	3"	5"		
4 point hardware	4 point hardware	4 point hardware	2 point hardware	2 point hardware
☑	☑	☑	☑	☑
☑	☑	☑	☑	☑
☑	☑	☑	☑	☑
☑	☑	☑		
4.2 lbs	5.1 lbs	6.3 lbs.	2.4 lbs.	2.9 lbs.
☑	☑	☑		
☑				

Seating

SKIN PROTECTION									
<b>REFLEX™</b>	<b>ZOID PSV™</b>	<b>EVOLUTION™</b>	<b>SOLO™</b>	<b>STRATUS™</b>	<b>MERIDIAN™</b>	<b>EVOLUTION WAVE™</b>	<b>MERIDIAN WAVE™</b>	<b>PROFORM NX™</b>	<b>JUNIOR</b>
The Reflex cushion features a built-in air-release device which allows active users at moderate risk of tissue breakdown. The low profile, tapered design complements rigid wheelchairs.	The Zoid PSV cushion is ideal for active users at moderate risk of tissue breakdown. The low profile, tapered design complements rigid wheelchairs.	The Evolution cushion is ideal for users at high risk of tissue breakdown and in need of symmetric positioning.	The Solo is designed for wheelchair user with a risk of tissue breakdown and moderate positioning needs.	Positioning stability, comfort, and simplicity have made the Stratus a versatile and effective wheelchair cushion.	The Meridian cushion is ideal for preventing posterior pelvic tilt. The Meridian benefits those at high risk of tissue breakdown and in need of a high level of symmetric positioning.	The Evolution Wave cushion is ideal for users at high risk of tissue breakdown. The Evolution Wave benefits those in need of a high level of symmetric positioning, and who require a rigid positioning base.	The Meridian Wave cushion is ideal for preventing posterior pelvic tilt. The Meridian Wave benefits those at risk of tissue breakdown and in need of a high level of symmetric positioning and rigid positioning base.	The ProForm NX cushion is ideal for individuals with leg length discrepancies, amputations, and other pelvic obliquities. The ProForm NX benefits those who require a lightweight, customizable seating	The JUNIOR Seat Cushion provides a comfortable, stable foundation for exploration and adventure. Moderate skin protection and positioning is achieved using VARILITE air-foam floatation technology and a soft tailored cover.
Cushion Composition	Air-Foam Floatation	Air-Foam Floatation	Air-Foam Floatation	Air-Foam Floatation	Air-Foam Floatation	Air-Foam Floatation	Air-Foam Floatation	Air-Foam Floatation + open-cell foam	Air-Foam Floatation + open-cell foam
Base Composition									
Level of Skin Protection	moderate	moderate	moderate-high	moderate-high	moderate	high	moderate-high	high	moderate
Level of Positioning	mild	mild	moderate	moderate	mild	moderate-high	maximum	maximum	moderate
Pre-Ischial Ridge	-	-	multi-stiffness foam	multi-stiffness foam	-	multi-stiffness foam	multi-stiffness foam	multi-stiffness foam + closed cell	multi-stiffness foam
Lateral Pelvic Support	multi-stiffness foam	multi-stiffness foam	multi-stiffness foam	multi-stiffness foam	multi-stiffness foam	multi-stiffness foam	multi-stiffness foam, Wave CPB, Wave LPB	contoured base	multi-stiffness foam
Medial Thigh Separator	multi-stiffness foam	-	multi-stiffness foam	multi-stiffness foam	multi-stiffness foam	multi-stiffness foam	multi-stiffness foam, Wave CPW, Wave CPB	contoured base	multi-stiffness foam
Lateral Thigh Support	multi-stiffness foam	multi-stiffness foam	multi-stiffness foam	multi-stiffness foam	multi-stiffness foam	multi-stiffness foam	multi-stiffness foam, Wave CPW, Wave LPB, Wave CPB	contoured base	multi-stiffness foam
Valve Type	-	PSV	PSV or standard	PSV or standard	-	standard	PSV or standard	standard	standard
Number of Chambers	single	single	single	single	single	dual	single	single or dual	single
Height (preloaded state)	3.25 in.	2.9 in.	3.8 in.	3.8 in.	3.8 in.	3.8 in.	5.1 in.	4.7 in.	2.9 in.
Weight (for 18x18 in. cushion)	1.9 lbs.	1.9 lbs.	2.2 lbs.	2.2 lbs.	3.2 lbs.	2.2 lbs.	2.9 lbs.	3.2 lbs.	9.2 oz
Max User Weight (for 18x18 in. cushion)	650 lbs.	650 lbs.	650 lbs.	650 lbs.	650 lbs.	650 lbs.	650 lbs.	650 lbs.	650 lbs.
Modifiable	-	-	-	-	-	-	-	☑	-
Pediatric Sizes	☑	☑	☑	☑	☑	☑	☑	☑	-
Bariatric Sizes	-	-	☑	-	-	☑	☑	-	-