

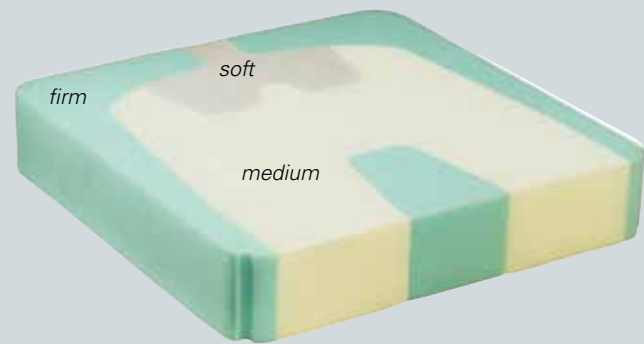
## Seating Components

### Multi-Stiffness Foam

Functional areas of the cushion are created by three types of foam: soft foam for the decubitus-sensitive area of the ITs; medium foam for the thigh trough, pelvic bucketing and preischial bar; and firm foam for the perimeter and the medial thigh separator.

Bonding multi-stiffness foam to coated fabric makes the cushion hold air. A valve releases air to immerse the user in the foam, the foam conforms to the user, and the user's weight is distributed over the surface of the cushion.

Independent research has shown VARILITE Air-Foam Floatation to be the #1 impact and vibration dampening technology (RESNA 2000).



### Valve Options



#### Standard Valve

VARILITE cushions are self-inflating. Sitting on a fully inflated cushion, turn the valve counterclockwise to open the valve and release air. Close the valve when the air level that provides the support needed for comfort and functionality is reached.



#### PSV (Pressure Setting Valve)

The PSV works by sensing the amount of internal cushion pressure. As air is released, internal pressure decreases and the user is immersed in the cushion for effective pressure distribution. The PSV is marked with three pre-set positions, "1", "2", or "3", which provide the best range of immersion for most users.

### Cover Options



#### Mesh Cover

The VARILITE mesh cover is made of four-way-stretch mesh. Reticulated foam inside promotes air exchange and improves pressure distribution. The underside is a rugged nonslip material with hook and loop for added security. The VARILITE mesh cover meets ISO 7176-16 ignition resistance standards for upholstered wheelchair components. Machine washable.



#### Incontinence Cover

The VARILITE incontinence cover wicks moisture away from the skin and protects cushion inside. Reticulated foam inside (not included with Reflex) promotes air exchange and improves pressure distribution. The underside is a rugged nonslip material with hook and loop for added security. The VARILITE incontinence cover meets ISO 7176-16 ignition resistance standards for upholstered wheelchair components. Machine washable.

### Wave™ Positioning Bases



#### CPW Contoured Positioning Wedge

Lateral thigh support prevents thigh abduction. Medial thigh support prevents thigh adduction.

#### LPB Lateral Positioning Base

Lateral pelvic support maintains pelvis in center of seat. Lateral thigh support prevents thigh abduction. Solid base of support offers postural stability.

#### CPB Contoured Positioning Base

Lateral pelvic support maintains pelvis in center of seat. Lateral thigh support prevents thigh abduction. Medial thigh support prevents thigh adduction. Solid base of support for postural stability.

### Seating Accessories



#### Cheat Sheets™

Cheat Sheets are sheets of adhesive-backed foam used to create custom seating solutions. Cheat Sheets can be layered to create medial/lateral thigh supports or to accommodate an obliquity.



#### Drop Base System

The Drop Base is essential for wheelchair users who need to sit lower for self-propelling or transferring.



#### Rigidizers (Solid Inserts)

VARILITE rigidizers counter the effects of sling seating. A rigidizer offers an easy and cost-effective solution to the problem of sling seating.



#### Wedge

The modifiable wedge increases the weight-bearing load on the back of the thighs and decreases the load on the buttocks. The 2 inch (5 cm) tapered wedge trims easily for custom fitting.



# Seating Systems Selection Guide

Postural Support Solutions



# Seating Systems

Postural Support Solutions

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.

### Cushion Composition

### Base Composition

### Level of Skin Protection

### Level of Positioning

### Pre-Ischial Ridge

### Lateral Pelvic Support

### Medial Thigh Separator

### Lateral Thigh Support

### Valve Type

### Number of Chambers

### Height

(preloaded state)

### Weight

(for 18x18 in. cushion)

### Max User Weight

(for 18x18 in. cushion)

### Modifiable

### Pediatric Sizes

### Bariatric Sizes

## SKIN PROTECTION



### Reflex™

The Reflex cushion features a built-in air-release device which allows a fixed amount of immersion and prevents bottoming out. When weight is taken off of the cushion, the Reflex automatically re-inflates.



### Zoid PSV™

The Zoid PSV cushion is ideal for active users at moderate risk of tissue breakdown. The low profile, tapered design complements rigid wheelchairs.



### Evolution™

The Evolution cushion is ideal for users at high risk of tissue breakdown and in need of symmetric positioning.



### Meridian™

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.



### Evolution Wave™

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.



### Meridian Wave™

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.



### ProForm NX™

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 system.

	Reflex™	Zoid PSV™	Evolution™	Meridian™	Evolution Wave™	Meridian Wave™	ProForm NX™
Cushion Composition	Air-Foam Floatation	Air-Foam Floatation	Air-Foam Floatation	Air-Foam Floatation	Air-Foam Floatation	Air-Foam Floatation	Air-Foam Floatation + open-cell foam
Base Composition					closed-cell foam	closed-cell foam	closed-cell foam
Level of Skin Protection	moderate	moderate	moderate-high	high	moderate-high	high	high
Level of Positioning	mild	mild	moderate	moderate-high	maximum	maximum	maximum
Pre-Ischial Ridge	-	-	multi-stiffness foam	multi-stiffness foam	multi-stiffness foam	multi-stiffness foam	multi-stiffness foam + closed cell
Lateral Pelvic Support	multi-stiffness foam	multi-stiffness foam	multi-stiffness foam	multi-stiffness foam	multi-stiffness foam, Wave CPB, Wave LPB	multi-stiffness foam, Wave CPB, Wave LPB	contoured base
Medial Thigh Separator	multi-stiffness foam	-	multi-stiffness foam	multi-stiffness foam	multi-stiffness foam, Wave CPW, Wave CPB	multi-stiffness foam, Wave CPB, Wave LPB	contoured base
Lateral Thigh Support	multi-stiffness foam	multi-stiffness foam	multi-stiffness foam	multi-stiffness foam	multi-stiffness foam, Wave CPW, Wave LPB, Wave CPB	multi-stiffness foam, Wave CPW, Wave LPB, Wave CPB	contoured base
Valve Type	-	PSV	PSV or standard	standard	PSV or standard	standard	standard
Number of Chambers	single	single	single	dual	single	dual	single or dual
Height (preloaded state)	3.25 in.	2.9 in.	3.8 in.	3.8 in.	5.1 in.	5.1 in.	4.7 in.
Weight (for 18x18 in. cushion)	1.9 lbs.	1.9 lbs.	2.2 lbs.	2.2 lbs.	2.9 lbs.	2.9 lbs.	3.2 lbs.
Max User Weight (for 18x18 in. cushion)	650 lbs.	650 lbs.	650 lbs.	650 lbs.	650 lbs.	650 lbs.	650 lbs.
Modifiable	-	-	-	-	-	-	VARILITE logo
Pediatric Sizes	VARILITE logo	VARILITE logo	VARILITE logo	VARILITE logo	VARILITE logo	VARILITE logo	VARILITE logo
Bariatric Sizes	-	-	VARILITE logo	VARILITE logo	VARILITE logo	VARILITE logo	-

4000 1st Avenue South  
Seattle, WA 98134  
Phone: (800) 827-4548  
Toll Free Fax: (800) 363-7739  
Fax: (206) 343-5795  
www.varilite.com

Authorized EU Representative:  
Cascade Designs, Limited  
Dwyer Road, Middleton, Co. Cork  
Republic of Ireland



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Maintenance: Once a week, allow your VARILITE cushion to fully inflate overnight with valve(s) open. Warranty: 2 Years, excluding cushion cover. Wave Descriptions: CPW=Contoured Positioning Wedge LPB=Lateral Positioning Base CPB=Contoured Positioning Base