

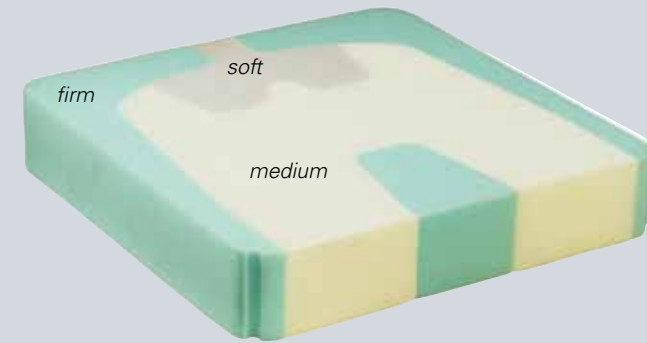
Seating Components

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).



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.

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.

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.



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.

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.



Seating Systems Selection Guide

Postural Support Solutions





Seating Systems

Postural Support Solutions

SKIN PROTECTION

SKIN PROTECTION & POSITIONING

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.



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.



Stratus

The Stratus is ideal for individuals who need an ultralight cushion to reduce energy expenditure and preserve joint integrity as they self-propel.



Evolution Wave

The Evolution 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.



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.



Evolution

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

	Reflex	Stratus	Evolution Wave	ProForm NX	Evolution
Cushion Composition	Air-Foam Flotation	Air-Foam Flotation	Air-Foam Flotation	Air-Foam Flotation + open-cell foam	Air-Foam Flotation
Base Composition			closed-cell foam	closed-cell foam	
Level of Skin Protection	moderate	moderate-high	moderate-high	high	moderate-high
Level of Positioning	mild	moderate	maximum	maximum	moderate
Pre-Ischial Ridge		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, Wave CPB, Wave LPB	contoured base	multi-stiffness foam
Medial Thigh Separator	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, Wave CPW, Wave LPB, Wave CPB	contoured base	multi-stiffness foam
Valve Type		standard	PSV or standard	standard	PSV or standard
Number of Chambers	single	single or dual	single	single or dual	single
Height	3.25in	3.8in	5.1in	4.7in	3.8in
Weight	1.9lbs	2.2lbs	2.9lbs	3.2lbs	2.2lbs
Max User Weight	650lbs	650lbs	650lbs	650lbs	650lbs
Modifiable					
Pediatric Sizes					
Bariatric Sizes					

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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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