



Solo PSV™

Our first cushion to combine air-foam floatation with multi-stiffness foam.

SEATING SYSTEMS

Today, VARILITE offers the Solo PSV™, designed for wheelchair users with a risk of tissue breakdown and moderate positioning needs. Therapists recommend the Solo PSV for individuals with paraplegia, orthopedic and circulatory issues, as well as for children and geriatrics. Users value the Solo's low weight, pressure distribution, stability, and comfort.



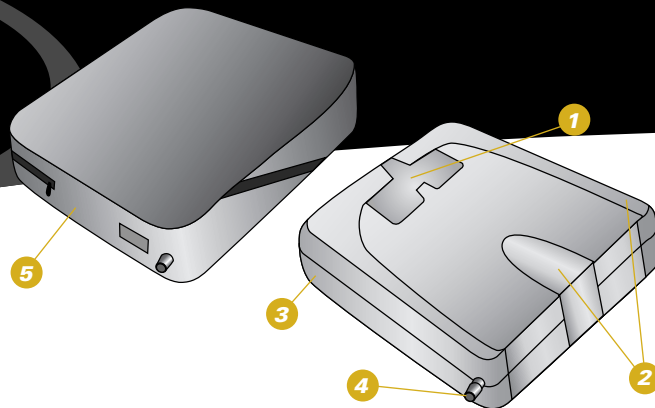
Solo PSV™

	12 x 12 (30 x 30 cm)	12 x 14 (30 x 35 cm)	14 x 14 (35 x 35 cm)	14 x 16 (35 x 40 cm)	16 x 16 (40 x 40 cm)
With Mesh Cover	62215	62415	64415	64615	66615
With Incontinence Cover	62225	62425	64425	64625	66625
	16 x 18 (40 x 45 cm)	18 x 16 (45 x 40 cm)	18 x 18 (45 x 45 cm)	20 x 18 (50 x 45 cm)	
With Mesh Cover	66815	68615	68815	60815	
With Incontinence Cover	66825	68625	68825	60825	

Solo

	12 x 12 (30 x 30 cm)	12 x 14 (30 x 35 cm)	14 x 14 (35 x 35 cm)	14 x 16 (35 x 40 cm)	16 x 16 (40 x 40 cm)
With Mesh Cover	62210	62410	64410	64610	66610
With Incontinence Cover	62220	62420	64420	64620	66620
	16 x 18 (40 x 45 cm)	18 x 16 (45 x 40 cm)	18 x 18 (45 x 45 cm)	20 x 18 (50 x 45 cm)	
With Mesh Cover	66810	68610	68810	60810	
With Incontinence Cover	66820	68620	68820	60820	

Solo PSV™



Excellent pressure distribution, positioning stability, comfort, and simplicity have made the Solo a versatile and effective wheelchair cushion. By adding VARILITE's revolutionary PSV (Pressure-Setting Valve), we've made the Solo PSV even better, taking the guesswork out of cushion adjustment. The PSV makes cushion adjustment automatic, which encourages client compliance.

1. Air-Foam Floatation

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 pre-ischial ridge; and firm foam for the perimeter and the medial thigh separator.

Bonding the 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).

2. Positioning Supports

Solo's multi-stiffness foam provides support as the user immerses in the cushion. Medial and lateral supports minimize lower extremity rotation. Pelvic bucketing and a

pre-ischial ridge help maintain pelvic position. Thigh troughs promote a neutral femoral position.

3. Fabric

Solo foam is bonded to puncture and water resistant nylon fabric for strength and durability.

4. Valve for Adjusting Air Volume

The Solo uses VARILITE's revolutionary new Pressure Setting Valve (patent pending).

The Solo PSV also is available with a traditional two-way VARILITE valve. Sitting on a fully inflated cushion, the user opens the valve and releases air, closing the valve when sitting on approximately 1/2 inch (13 mm) of air and foam.

5. Cover

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

VARILITE's PSV takes guesswork out of cushion adjustment and makes it automatic!

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, which provide the best range of immersion for most users. The therapist determines the PSV position that results in optimal pressure distribution for a client. (A therapist can mark a different position on the PSV if the user falls outside the pre-determined range.)

Sitting on a fully inflated Solo PSV, the client simply opens the PSV to the appropriate position. When the PSV senses that enough air has been released, it automatically shuts off the flow. The client closes the PSV. Adjustment is simple and consistent.

Ease of use improves user compliance. A therapist can select the Solo PSV with confidence, knowing that a client or caregiver can adjust the Solo PSV easily for optimal pressure distribution. The first time. Every time.



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