



Talon™

Offering unequalled pelvic support and comfort for wheelchair users.

The Talon properly positions clients with spinal-cord injury by supporting the PSIS and, because it's ultralightweight, reduces fatigue and joint strain for those who manually propel. Plus, the Talon's low-profile design and contemporary finish complement modern wheelchairs.



The Talon's innovative mounting hardware makes it exceptionally adjustable. For the first time, therapists and seating specialists can select an effective low back system that adjusts to fit the client.



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A back system must be comfortable, and comfort begins with a well-designed cushion and cover. The Talon uses VARILITE air-foam floatation for a cushion that provides unsurpassed comfort, while our innovative cover keeps the cushion properly positioned.

1. Cushion foam is thicker at the center for PSIS support and tapered at the sides to accommodate soft tissue
2. Foam is oversized to protect user from the shell edges
3. Channels in the foam let the cushion bend, without bunching, to fit the contour of the shell
4. Two-way air valve lets the user control cushion thickness and amount of immersion
5. Four-way-stretch knit fabric on front of cushion conforms to the user
6. Nylon fabric on back of cushion grips the nonslip cover lining to reduce cushion movement
7. Four-way-stretch mesh fabric is used on the front of the cover for breathability
8. Reticulated foam inside the cover provides breathability and wicks moisture
9. Mesh and reticulated foam wrap around the top of the shell to protect user when "bridging"
10. Nonslip cover lining grips the cushion to reduce movement inside the cover
11. Attachment tabs on the cover wrap around and through the shell to keep the cushion in place
12. Back of the cover made from durable packcloth with loop fabric for secure attachment to shell
13. Cover is machine-washable
14. Cover meets ISO 7176-16 ignition resistance standards



Cushion and Cover Front



Cushion and Cover Back



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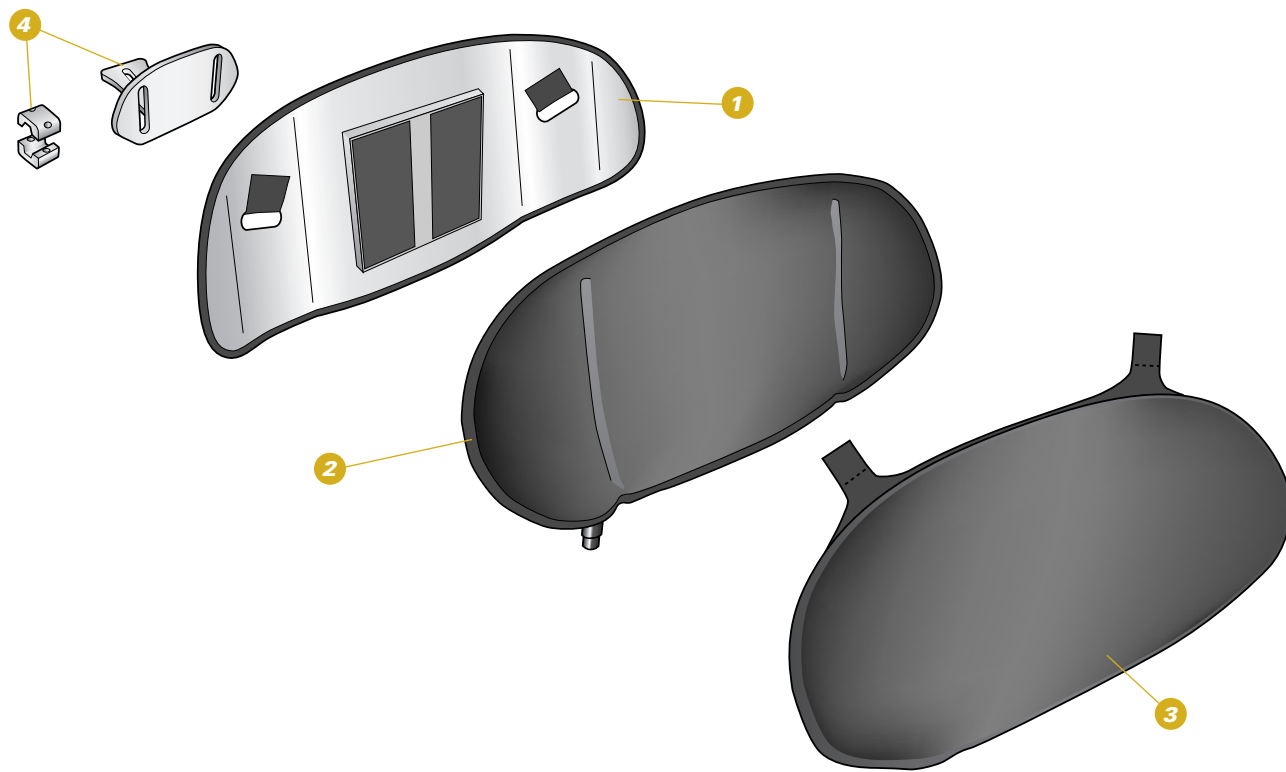
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The Talon's innovative attachment hardware provides a range of adjustability for a precise fit. Its ergonomically correct shell, **VARILITE** air-foam floatation cushion, and innovative cover provide unmatched comfort. The Talon is also ultralightweight.



1. Shell

Ultralightweight aluminum shell provides compliant support of soft-tissue areas. Oval-shaped for maximum support at the PSIS; tapered and contoured at the ends for lateral support. Low-profile design for upper-body freedom of movement. Anodized finish.

2. Cushion

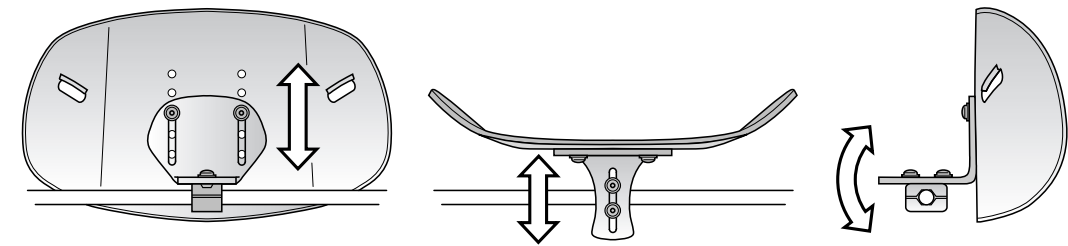
VARILITE air-foam floatation cushion. Sculpted foam fits shell contour without bunching. Foam is bonded to puncture and water resistant fabrics—four-way-stretch knit for compliance and nylon for durability—that make the cushion hold air. A two-way valve lets air in and out of the cushion for an individual fit. Cushion is oversized to protect the user during reaching or weight-shifting activities.

3. Cover

Wrap around cover provides maximum padding and protection. Four-way-stretch mesh top fabric wicks moisture away from the body. Pass-through attachment flaps and large loop panel on the backside of the cover securely attach to hook strips on the shell. Special lining keeps cushion in place inside the cover. Reticulated foam inside promotes air exchange and improves pressure distribution. Talon cover meets ISO 7176-16 ignition resistance standards for upholstered wheelchair components. Machine washable.

4. Mounting Hardware

Innovative hardware permits adjustment in three directions: height, depth and angle. Hardware attaches to the stabilizer bar of a rigid wheelchair, in line with the PSIS. Hardware can be installed with client in the chair. Anodized finish.



Talon attaches to a rigid wheelchair's stabilizer bar. Its mounting bracket provides adjustment in three directions—height, depth, and angle—and is available in three lengths to permit a range of posterior and anterior positioning.

For most users, the Talon is positioned with the shell in line with the back of the chair canes. Our selection guide shows the recommended mounting bracket based on stabilizer-bar depth, as well as the range of posterior and anterior adjustment possible with each bracket.

Talon Mounting Bracket Selection Guide

Stabilizer Depth ¹	1.75 in (4.4 cm)	2.00 in (5 cm)	2.25 in (5.7 cm)	2.50 in (6.3 cm)	2.75 in (7 cm)	3.00 in (7.6 cm)
Recommended Bracket	Short	Short	Short	Short	Short	Short
Posterior Adjustment ²	0.25 (.63 cm)	0.50 (1.3 cm)	0.75 (1.9 cm)	1.00 (2.5 cm)	1.25 (3.2 cm)	1.50 (3.8 cm)
Anterior Adjustment ²	0.25 (.63 cm)	N/A				
Posterior Adjustment ²	Medium	Medium	Medium 0.25 (.63 cm)	Medium 0.50 (1.3 cm)	Medium 0.75 (1.9 cm)	Medium 1.00 (2.5 cm)
Anterior Adjustment ²	0.75 (1.9 cm)	0.50 (1.3 cm)	0.25 (.63 cm)	N/A		
Posterior Adjustment ²	Large	Large	Large	Large	Large 0.25 (.63 cm)	Large 0.50 (1.3 cm)
Anterior Adjustment ²	1.25 (3.2 cm)	1.00 (2.5 cm)	0.75 (1.9 cm)	0.50 (1.3 cm)	0.25 (.63 cm)	N/A

Notes:

¹ As measured from the back of the upright canes to the front of the stabilizer bar.

² Refers to the range of adjustment possible from the back of the upright canes.

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	14 (35 cm)	15 (38 cm)	16 (40 cm)	17 (43 cm)	18 (45 cm)	20 (50 cm)
Talon Back System	47517	47519	47521	47523	47525	47527
Height	6.1 (15.5 cm)	6.6 (16.8 cm)	7 (17.8 cm)	7.4 (18.8 cm)	7.9 (20.1 cm)	8.7 (22.1 cm)
Mounting Bracket	Short	Medium	Long			
Talon Back System	47532	47533	47534			

