



**Shaped to support
your every move**

Armadillo

with Vicair® Technology

Back Support

The NXT Armadillo Back Support with VICAIR® TECHNOLOGY is a multi-adjustable postural support back which features a three-section modular shell and a Vicair back cushion with multiple pockets containing SmartCells™. In addition, to the features offered with the foam back Armadillo, the Vicair cushion can be customized to affect the shape of the contour incrementally and permanently.



VICAIR®
TECHNOLOGY
INSIDE

OVERVIEW

- A** Adjustable Vicair Cushion has nine pockets which are individually accessible to customize for maximum postural support and comfort.
- B** Central compartment allows off-loading of the spine.
- C** Incremental adjustments can be made as often as required.
- D** Customize the contour to fit the spinal deficiency.
- E** QuickFit Mounting System is adjustable in height, depth, angle and width.
- F** Allows proper placement of the gluteal shelf.



FEATURES



ABLE TO WRAP AROUND THE CURVE OF THE SPINE FOR USERS WITH KYPHOSIS AND OTHER UNIQUE SPINAL POSITIONING NEEDS.

SHOWN HERE IS THE ARMADILLO BACK SUPPORT

ARMADILLO + VICAIR



ADJUSTABLE SHELL FOR KYPHOSIS APPLICATIONS

Maintains pelvic support, and maximizes back surface contact for even pressure distribution.

ADJUSTABLE FOR LORDOSIS OR BARIATRIC APPLICATIONS

Can adjust to accommodate the gluteal shelf area.

BREATHABLE STRETCH FABRIC COVER

THE ARMADILLO WITH VICAIR TECHNOLOGY UTILIZES SMARTCELLS

inside the back support compartments. These cells move with so little friction that the effect resembles the behavior of a viscous fluid.

WHAT IS INCLUDED

- Lightweight aluminum three-section modular shell
- Customizable Vicair 9-pocket cushion
- smartx3D antimicrobial polyester 4-way stretch cover (washable)
- Installation hardware – QuickFit Mounting System

ACCESSORIES & OPTIONS

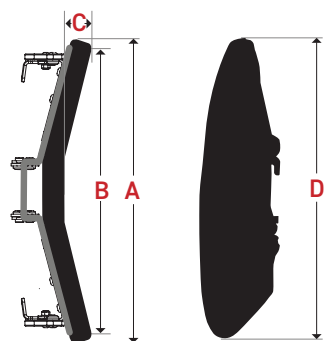
- Lateral supports
- Head supports
- Replacement cover



The NXT Armadillo with VICAIR TECHNOLOGY

The NXT Armadillo with Vicair Technology is able to wrap around the curve of the spine for users with Kyphosis and other unique spinal positioning needs. This highly adjustable back support utilizes compartments of SmartCells, which move with so little friction that the effect resembles the behavior of a viscous fluid, slowly adjusting to the shape of your body. Spinous processes can be offloaded in the central channel of the shell and central compartments on the Vicair back cushion.

Technical Specifications



ARMADILLO WITH VICAIR TECHNOLOGY Sizes

Width	Height	Fits wheelchair widths
14 in. (35.6 cm)	16 in. (40.6 cm)	14 in. to 16 in. (35.6 cm to 40.6 cm)
16 in. (40.6 cm)	16 in. (40.6 cm)	16 in. to 18 in. (40.6 cm to 45.7 cm)
18 in. (45.7 cm)	18 in. and 20 in. (45.7 cm and 50.8 cm)	18 in. to 20 in. (45.7 cm to 50.8 cm)
20 in. (50.8 cm)	18 in. and 20 in. (45.7 cm and 50.8 cm)	20 in. to 22 in. (50.8 cm wto 55.9 cm)

ARMADILLO WITH VICAIR TECHNOLOGY Specifications

Back Shell Weight*	3.9 lb. (1.77 kg)
Height	16 in. to 18 in. (40.6 cm to 45.7 cm)
Width	14 in. to 20 in. (35.6 cm to 50.8 cm)
Top Adjustability	40° Anterior / 20° Posterior
Lower Adjustability	30° Anterior / 30° Posterior
Max User Weighty	Width 14"-20": 300 lb. (136 kg)

* Weight based on 16" x 16" shell

ARMADILLO WITH VICAIR TECHNOLOGY Back Dimensions – Inches (centimeters)

	14 (35.6)	16 (40.6)	18 (45.7)	20 (50.8)
A	11.5 (29.2)	13.5 (34.2)	15.5 (39.4)	17.5 (44.4)
B	14 (35.6)	16 (40.6)	18 (45.7)	20 (50.8)
C	Adjustable Smartcell Compartments			
D	14 (35.6)	16 (40.6)	18 (45.7)	18 (45.7)

QuickFit™ Mounting System

Lets you quickly and easily adjust while your client is in the chair

- Reversible for increased depth range.
- 5 in. (12.7 cm) of depth adjustment, 2.5 in. (6.4 cm) in front or behind back canes.
- Easily expandable to allow the back support to fit on wider wheelchairs (up to 2 in. wider than the back).
- Install or remove clamps without taking them apart.
- Hardware is a discreet size and provides strength and rigidity to the back support.
- Adjustable for pelvic or trunk rotation.
- Fits metric & imperial tubing including, 0.75 in. to 1 in. (1.9 cm to 2.5 cm) back canes without shims.
- 25° fore/aft angle adjustment



Lock hardware onto the back cane and control height and rotation

Control depth and angle adjustment