



Shaped to support  
your every move

## BioFit

### Cushion

The NXT BioFit Wheelchair Cushion's multi-layer design provides deep immersion, support and skin protection for users at medium to high risk of skin break down, by redistributing pressure over the full sitting surface of the cushion.



## OVERVIEW

NXT Cushions have been designed to ensure that pre-ischial support prevents sliding and provides pelvic support. The moderate abductor/adductor contour ensures mid-line positioning of the femurs. The radius at the rear provides sacral support in addition to matching the contour of modular back supports. The bevel on the front edge accommodates foot propellers, users who wish to sit with a tight front frame angle or those with tight hamstrings.

- A** Radius cut rear for sacral support.
- B** Pre-ischial support prevents sliding while providing pelvic support.
- C** Moderate abductor/adductor contour for mid-line positioning of the femurs.
- D** Beveled front edge for foot propellers or users who want to sit with a tight front frame angle or who have tight hamstrings.
- E** Textured non-skid bottom with loop Velcro® and carry strap.
- F** smartx3D Antimicrobial polyester 4-way stretch cover for comfort and low temperatures.
- G** Waterproof Zipper.



**Sit** Selective  
Immersion Technology

NXT SIT (Selective Immersion Technology) perforations are anatomically positioned to support the ischial/sacral area to prevent sliding and shear while maintaining pelvic positioning. The perforations are molded at different depths and are conical in shape. This provides immersion and lower pressures to the bony prominences while supporting surrounding areas that can take a higher load.

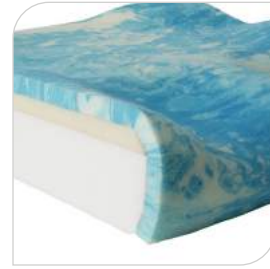
## FEATURES



SMARTX3D ANTIMICROBIAL POLYESTER 4-WAY STRETCH COVER FOR COMFORT AND LOW TEMPERATURE

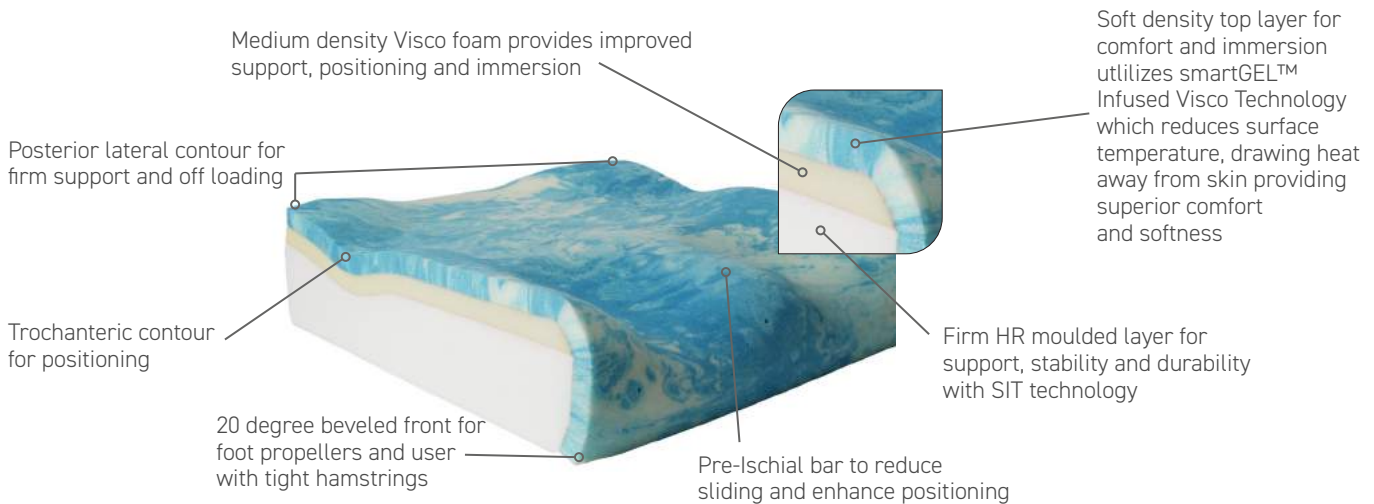


INNER MOISTURE PROTECTION COVER WITH WATERPROOF ZIPPER



FOAM CUSHION BASE WITH SMARTGEL

**smartGEL™**  
INFUSED VISCO TECHNOLOGY

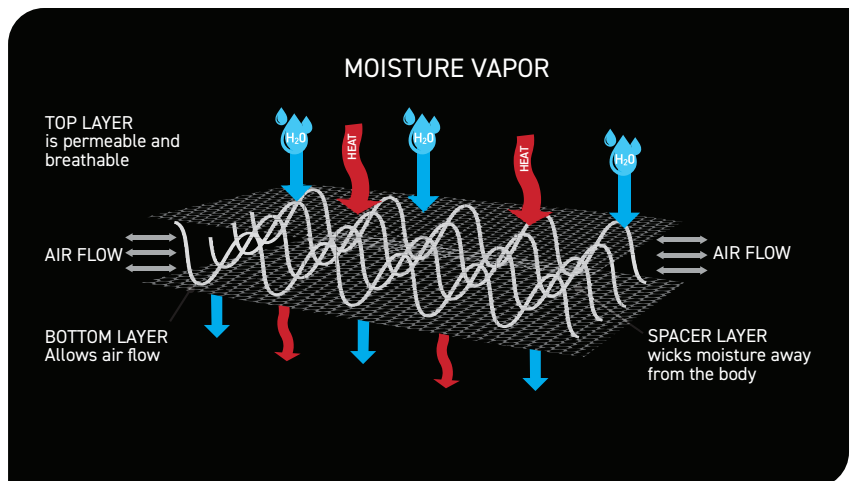


## smartx3D

### SMARTX3D HAS REVOLUTIONIZED NXT WHEELCHAIR CUSHIONS AND BACK SUPPORTS

Our innovative smartx3D fabric offers unprecedented comfort and durability. This advanced fabric utilizes a three-layer technology that incorporates a unique air channel middle layer that draws heat and moisture away from the material. Soft, breathable, and with moisture-wicking properties, smartx3D offers the ultimate in comfort.

- Very soft and comfortable
- Antimicrobial
- Improves immersion/envelopment
- Reduces shear
- 20 times more air permeable than standard fabrics



## ACCESSORIES & OPTIONS



### Pelvic Obliquity/Lateral Pads

Available in 0.5" (1.3 cm) or can be doubled to 1" (2.5 cm), are easy to install in a variety of locations with double-sided tape and trimmed to fit. Can be used as a pelvic obliquity build up or adduction for thighs.



### Solid Seat Insert

Slim profile solid seat inserts are available to provide a firm sitting surface and are contoured to eliminate the hammock effect when cushions are used on a sling seat.






### Incontinence Outer Cover

The NXT Incontinent outer cover with waterproof zipper is made from Hospital Grade, durable stretch material that is easily cleaned and disinfected. Antimicrobial resistant, breathable and fluid proof and latex free.

## Technical Specifications

### BIOFIT Specifications

Cushion Weight	3.9 lb (1.77 kg)
Depth	10 in. to 22 in. (25.4 cm to 55.8 cm)
Width	10 in. to 26 in. (25.4 cm to 66 cm)
Thickness	
	4.5 in. (11.4 cm)
	4 in. (10.2 cm)
	2.75 in. (7 cm)
Weight Capacity	300 lb. (136.1 kg) 22in. to 24 in. wide 400 lbs (181.44 kg)

\*Weight based on 16" x 16"

### BIOFIT sizes- Inches (centimeters)

		WIDTH														
		10 (25.4)	12 (30.5)	13 (33)	14 (35.6)	15 (38.1)	16 (40.6)	17 (43.2)	18 (45.7)	19 (48.3)	20 (50.8)	21 (53.3)	22 (55.8)	23 (58.4)	24 (61)	26 (66)
DEPTH	10 (25.4)															
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Specs Sheet-NXT-BioFit-VJ