



SHAPED TO **SUPPORT** *EVERY* MOVE





The next™ back support complies with the following crash tests when proper head support is provided by an appropriate head rest system. Low back supports without a head support system are not recommended for use in transport in a motor vehicle.

- ISO 16840-4 Wheelchair Seating - part 4: Seating Systems for use in motor vehicles
- RESNA WC-4:2012 Section 20: Seating Systems for use in motor vehicles



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## OPTIMA SERIES

The nxt™ Back Support Series provides a range of back support models, with pelvic or thoracic shapes having posterior, posterior lateral and posterior deep lateral support. The full or scapula cut-out shapes are designed to provide excellent support and comfort while enhancing the user's natural range of motion. The QuickFit™ hardware is fully adjustable and the pelvic positioning pads provide optimal positioning of the pelvis for exceptional comfort and support.



- A Slotted holes** to allow for installation of most aftermarket head supports, headrests, belts, and harnesses
- B Alternate mounting heights**, allow hardware to be installed at optional heights to achieve a proper set-up
- C Width adjustment**, mounting hardware has 2" (5.1cm) of width adjustability increasing the size of a chair that each back can be used on [i.e. a 16" (40.6cm) wide back will fit a 16, 17, or 18" (40.6, 43.2, or 45.7cm) wide chair]
- D Pelvic cut-out** for optimal pelvic positioning and support of the P.S.I.S.
- E One-hand quick release** allows for the back to be removed from the chair with ease



### Stability, Symmetry & Shoulder Freedom

**Support the spinal column** within the "Scapula Triangle" which improves shoulder freedom & head control.

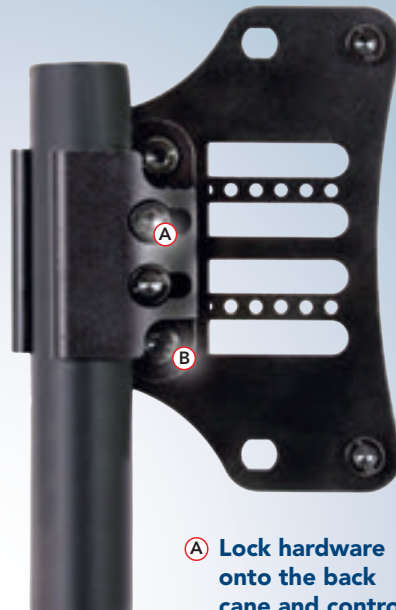
**Provide support to the side of the pelvis and thorax** to stabilize the entire spinal column.



### One-Hand Quick Release

## QUICKFIT™ MOUNTING SYSTEM

- Quickly and easily adjust while client is in the chair
- Accommodates asymmetrical posture
- Hardware is a discreet size and provides strength and rigidity to the back support
- 5" (12.7cm) of depth adjustment, 2.5" (6.4cm) in front or behind back canes
- Fits metric & imperial tubing including, 0.75-1" (1.9-2.5cm) back canes without shims
- Reversible for increased range
- 50° of angle adjustment (25° posterior and 25° anterior)
- Adjustable for pelvic or trunk rotation
- Install or remove clamps without taking them apart
- Fits 3 widths of chair by adjusting mounting position [i.e. a 16" (40.6cm) wide back will fit a 16, 17, or 18" (40.6, 43.2, or 45.7cm) wide chair]



- (A) **Lock hardware onto the back cane and control height & rotation**
- (B) **Control depth & angle adjustment**

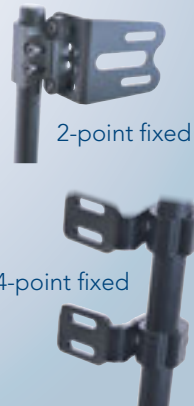
### Accommodates Asymmetrical Posture



### Angle Adjustability of 50°



### Alternate Hardware



### Positioning Cut-Out

Allows the bottom edge of the back support to rest in the PSIS area. This provides a space for the buttocks to protrude beyond the back for a better, more natural seated position.



### Dual Density Foam

Dual density Polyurethane foam 1.5" (3.8cm) thick. Soft top layer for comfort and a firm bottom layer for protection.



### Low Pivot Point

The mounting hardware attachment points have a low pivot point designed to pivot around the pelvis. The low pivot point allows you to support the pelvis while adjusting recline. This reduces the movement of the pelvis affected by angle adjustment of the hardware.



### Customizable Contour

Lateral contours can be bent in or out for better postural control and a customized fit.

## nxt™ HEIGHT ADJUSTABLE BACK SUPPORT

Designed as a back support with height adjustability, allowing for precise targeted support of the thoracic region.

### WHAT'S INCLUDED

- Two-piece lightweight aluminum shell (height adjustable)
- Depth adjustable lateral contours (Plus Contour only)
- Dual density foam back cushion
- Pelvic/lumbar pads
- Antimicrobial spacer mesh cover (washable)
- Installation hardware - QuickFit cane brackets, QuickFit back brackets
- One-hand quick release

### ACCESSORIES & OPTIONS

- Lateral supports
- Head supports
- Replacement cover and foam
- Active or Plus Contour options

### SPECIFICATIONS - INCH (CM)

	AC	PC
Weight* - lbs (kg)	4.1 (1.86)	4.7 (2.13)
Height	16 - 20 (40.6 - 50.8)	
Width	16 - 24 (40.6 - 61.0)	
Contour Depth	3.5 (7.6)	5.5-7 (14-17.8)
Weight Capacity - lbs (kg)	300 (136.08)	22" wide +/-: 400 (181.44)

\*weight based on 16" wide shell

### SIZES - INCH (CM)

WIDTH	HEIGHT	FITS WHEELCHAIR WIDTHS
16 (40.6)	16 - 20 (40.6 - 50.8)	16 - 18 (40.6 - 45.7)
18 (45.7)		18 - 20 (45.7 - 50.8)
20 (50.8)		20 - 22 (50.8 - 55.9)
22 (55.9)		22 - 24 (55.9 - 61.0)
24 (61.0)		24 - 26 (61.0 - 66.0)

### HOW TO ORDER

Configure model # by selecting one option from each column:

BASE CODE	CONTOUR	WIDTH	HEIGHT
NHA	ACB (Active), PCB (Plus)	16, 18, 20, 22, 24	16/20

Complete Model # Example: NHAACB1616/20



- A Deep, depth adjustable lateral contours for optimal midline support and positioning**  
(Plus Contour only)
- B Adjustable upper section** allows for optimal lateral thoracic support
- C Precise height adjustment** allows for small incremental changes, or for a change in the users condition which requires modification to back height placement or contour support
- D Two-piece lightweight aluminum shell**
- E Fixed lower section** supports the pelvis
- F Scapula cut-out shape**



**A Deep, depth adjustable lateral contours for optimal midline support and positioning**

(Plus Contour only)

**B Adjustable upper section** allows for optimal lateral thoracic support

**C Precise height adjustment** allows for small incremental changes, or for a change in the users condition which requires modification to back height placement or contour support

**D Two-piece lightweight aluminum shell**

**E Fixed lower section** supports the pelvis

**F Scapula cut-out shape**



## nxt™ HEIGHT ADJUSTABLE LOW BACK SUPPORT

Designed as a back support, lower than the standard back, with height adjustability, allowing for precise targeted support of the thoracic region.

### WHAT'S INCLUDED

- Two-piece lightweight aluminum shell, height adjustable
- Depth adjustable lateral contours (Plus Contour only)
- Dual density foam back cushion
- Pelvic/lumbar pads
- Antimicrobial spacer mesh cover (washable)
- Installation hardware - QuickFit cane brackets, QuickFit back brackets
- One-hand quick release

### ACCESSORIES & OPTIONS

- Lateral supports
- Head supports
- Replacement cover and foam
- Active or Plus Contour options
- Lateral build-up pads

### SPECIFICATIONS - INCH (CM)

	AC	PC
Weight* - lbs (kg)	3.75 (1.7)	4.35 (1.97)
Height	13 - 17 (33 - 43.2)	
Width	14 - 22 (35.6 - 55.9)	
Contour Depth	3.5 (7.6)	5.5 - 7 (14 - 17.8)
Weight Capacity - lbs (kg)	300 (136.08)	22" wide +: 400 (181.44)

\*weight based on 16" wide shell

### SIZES - INCH (CM)

WIDTH	HEIGHT	FITS WHEELCHAIR WIDTHS
12 (30.5)	13 - 17 (33 - 43.2)	12 - 14 (30.5 - 35.6)
14 (35.6)		14 - 16 (35.6 - 40.6)
16 (40.6)		16 - 18 (40.6 - 45.7)
18 (45.7)		18 - 20 (45.7 - 50.8)
20 (50.8)		20 - 22 (50.8 - 55.9)
22 (55.9)		22 - 24 (55.9 - 61.0)

### HOW TO ORDER

Configure model # by selecting one option from each column:

BASE CODE	CONTOUR	WIDTH	HEIGHT
NHA	ACBCL (Active), PCBCL (Plus)	16, 18, 20, 22, 24	13/17

**Complete Model # Example: NHAACBCL1613/17**

## nxt™ HEIGHT ADJUSTABLE KIDS CONTOUR BACK SUPPORT

Designed specifically for children. It has a low profile contour and adjusts as the child grows.

### WHAT'S INCLUDED

- Two-piece lightweight aluminum shell (height adjustable)
- Dual density foam back cushion
- Breathable stretch fabric cover
- Installation hardware - QuickFit cane brackets, QuickFit back brackets
- One-hand quick release [14" (35.6cm) wide model only]

### ACCESSORIES & OPTIONS

- Lateral supports
- Head supports
- Replacement cover and foam

### SPECIFICATIONS - INCH (CM)

Weight* - lbs (kg)	1.75 (0.79)
Height	8 - 12 (20.3 - 30.5)
Width	10 - 14 (25.4 - 35.6)
Weight Capacity - lbs (kg)	300 (136.08)

\*weight based on 14 x 10-12.5" shell

### SIZES - INCH (CM)

WIDTH	HEIGHT	FITS WHEELCHAIR WIDTHS
10 (25.4)	8 - 10.5 (20 - 27)	10 (25.4)
12 (30.5)	9 - 11.5 (23 - 29)	12 (30.5)
14 (35.6)	10 - 12.5 (25 - 32)	14 (35.6)

### HOW TO ORDER

Configure model # by selecting one option from each column:

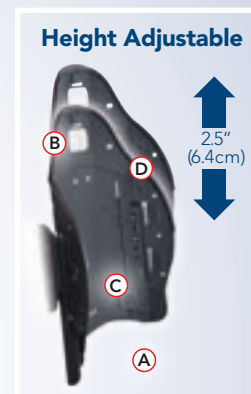
BASE CODE	WIDTH	HEIGHT
NHAKCB	10, 12, 14	8-10.5, 9-11.5, 10-12.5

Complete Model # Example: NHAKCB14/10-12.5

**Optional lateral supports** (not included) which provide additional postural support to increase contour depth, or add optional contour laterals, which are width adjustable to accommodate for growth. (see page 16-17 for details)



- A** **Precise height adjustment** to allow back to grow with the child, as well as to accurately refine contour/lateral support placement
- B** **Adjustable upper section** allows for optimal lateral thoracic support
- C** **Fixed lower section** supports the pelvis
- D** **Two-piece lightweight aluminum shell**





**Active Contour Plus Contour**



- A Scapula cut-out shape**
- B Deep, depth adjustable lateral contours for optimal midline support and positioning (Plus Contour only)**
- C One-piece lightweight aluminum shell**
- D Lateral contours provide pelvic stability for users with good trunk control**



## nxt™ FIXED-HEIGHT PELVIC BACK SUPPORT

Designed to provide stability in the pelvic region for users with good trunk control or to enhance thoracic support.

### WHAT'S INCLUDED

- One piece aluminum shell
- Depth adjustable lateral contours (Plus Contour only)
- Dual-density foam back cushion
- Antimicrobial spacer mesh cover (washable)
- Installation hardware - QuickFit cane brackets, QuickFit back brackets
- One-hand quick release

### ACCESSORIES & OPTIONS

- Lateral supports
- Head supports
- Replacement cover and foam
- Active or Plus Contour options

### SPECIFICATIONS - INCH (CM)

	AC	PC
<b>Weight*</b> - lbs (kg)	2.6 (1.18)	3.3 (1.5)
<b>Height</b>	16 - 20 (40.6 - 50.8)	
<b>Width</b>	16 - 22 (40.6 - 55.9)	
<b>Contour Depth</b>	3 (7.6)	5.5 - 7 (14 - 18)
<b>Weight Capacity</b> - lbs (kg)	300 (136.08) 22" wide +: 400 (181.44)	

\*weight based on 16 x 16" shell

### SIZES - INCH (CM)

WIDTH	HEIGHT		FITS WHEELCHAIR WIDTHS	
16 (40.6)	16 (40.6)	18 (45.7)	20 (50.8)	16 - 18 (40.6 - 45.7)
18 (45.7)				18 - 20 (45.7 - 50.8)
20 (50.8)				20 - 22 (50.8 - 55.9)
22 (55.9)				22 - 24 (55.9 - 61.0)

### HOW TO ORDER

Configure model # by selecting one option from each column:

BASE CODE	CONTOUR	WIDTH	HEIGHT
<b>N</b>	ACB (Active), PCB (Plus)	16, 18, 20, 22	16, 18, 20

**Complete Model # Example: NACB1616**

## nxt™ üFit™ CUSTOMIZABLE CONTOUR, FIXED-HEIGHT PELVIC BACK SUPPORT

Designed to be customized to uniquely fit users with Scoliosis, Kyphosis, and other spinal deformities. The main foam support layer is comprised of removable/customizable üCube™ foam blocks, which can be individually removed and/or cut to create a unique fit that accommodates each user's unique needs. A secondary layer of foam ensures the contour is smooth and prevents any exposure of the shell.

### WHAT'S INCLUDED

- One piece aluminum shell
- Depth adjustable lateral contours (plus contour only)
- üCube™ polyurethane foam blocks (dual 2 x 2")
- Medium density foam cushion overlay
- Cover - 4 Way Stretch Startex fabric front, Super Strong fabric back
- Installation hardware – QuickFit cane brackets, QuickFit back brackets, one-hand quick release

### ACCESSORIES & OPTIONS

- Head supports
- Custom Visco Gel mid section
- Replacement üCubes™
- Replacement cover and foam
- Active or Plus Contour options

### SPECIFICATIONS - INCH (CM)

	AC	PC
Weight* - lbs (kg)	7.2 (3.3)	7.9 (3.6)
Height	16 - 20 (40.6 - 50.8)	
Width	14 - 24 (35.6 - 61.0)	
Contour Depth	**6.25 (15.9)	**8.75 (22.2)
Weight Capacity - lbs (kg)	300 (136.08) 22" wide +/-: 400 (181.44)	

\*weight based on 16 x 16" shell \*\*deduct up to 3.25" (8.3cm) for foam cushioning

### SIZES - INCH (CM)

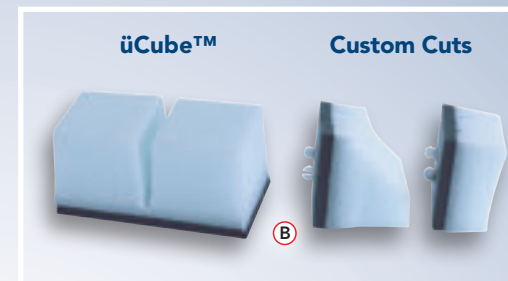
WIDTH	FITS WHEELCHAIR WIDTHS		
14 (35.6)			14 - 16 (35.6 - 40.6)
16 (40.6)			16 - 18 (40.6 - 45.7)
18 (45.7)	16 (50.8)	18 (45.7)	18 - 20 (45.7 - 50.8)
20 (50.8)		20 (50.8)	20 - 22 (50.8 - 55.9)
22 (55.9)			22 - 24 (55.9 - 61.0)

### HOW TO ORDER

Configure model # by selecting one option from each column:

BASE CODE	CONTOUR	WIDTH	HEIGHT
NOUF	ACB (Active), PCB (Plus)	14, 16, 18, 20, 22	16, 18, 20

Complete Model # Example: NOUFACB1816



**üCubes stay in place without Velcro!**  
üCubes have special pins which keep them securely attached to the aluminum shell, yet allow for easy removal.

- A One-piece aluminum shell**
- B Easily removeable üCube™ foam blocks** allows adjustability of the contour shape for a customized fit for the user (üCubes are also individually customizable by cutting them to suit the user as required)
- C Centre foam overlay** which grants easy access to üCubes
- D Side contour foam overlays** for stability and added comfort
- E Double zipper on cover** allows for quick and easy access to the üCubes





- A Scapula cut-out shape**
- B Deep, depth adjustable lateral contours for optimal midline support and positioning (Plus Contour only)**
- C One-piece lightweight aluminum shell**
- D Lateral contours are higher, targeting better support in the thoracic region while maintaining optimal pelvic positioning**

## nxt™ FIXED-HEIGHT THORACIC BACK SUPPORT

Allows for optimal pelvic positioning while providing proper support to the user's thoracic region.

### WHAT'S INCLUDED

- One-piece aluminum shell
- Depth adjustable lateral contours (Plus Contour only)
- Dual-density foam back cushion
- Antimicrobial spacer mesh cover (washable)
- Installation hardware - QuickFit cane brackets, QuickFit back brackets
- One-hand quick release

### ACCESSORIES & OPTIONS

- Lateral supports
- Head supports
- Replacement cover and foam
- Active or Plus Contour options

### SPECIFICATIONS - INCH (CM)

	AC	PC
Weight* - lbs (kg)	2.7 (1.22)	3.3 (1.5)
Height	9 - 19 (22.8 - 48.3)	
Width	14 - 31 (35.5 - 78.8)	15 - 31 (38.1 - 78.8)
Contour Depth	3 (7.6)	5.5 - 7 (14 - 18)
Weight Capacity - lbs (kg)	300 (136.08) 22" wide +: 400 (181.44) **25" wide + 500 (227)	

\*weight based on 16 x 16" shell \*\*when using optional 4-point hardware

### SIZES - INCH (CM)

WIDTH	HEIGHT		FITS WHEELCHAIR WIDTHS
14† (35.6)	9 (22.8)	13 (33)	14 - 16 (35.6 - 40.6)
15 (38.1)			15 - 17 (38.1 - 43.2)
16 (40.6)			16 - 18 (40.6 - 45.7)
17 (43.2)			17 - 19 (43.2 - 48.3)
18 (45.7)	16 (40.6)	19 (48.3)	18 - 20 (45.7 - 50.8)
19 (48.3)			19 - 21 (48.3 - 53.3)
20 (50.8)			20 - 22 (50.8 - 55.9)
21 (53.3)			21 - 23 (53.3 - 58.4)
22 (55.9)			22 - 24 (55.9 - 61.0)
23 (58.4)			23 - 25 (58.4 - 63.5)
24 (61.0)			24 - 26 (61.0 - 66.0)
25 (63.5)			25 - 27 (63.5 - 68.6)
26 (66.0)			26 - 28 (66.0 - 71.1)
27 (68.6)			27 - 29 (68.6 - 73.7)
28 (71.1)			28 - 30 (71.1 - 76.2)
29 (73.7)			29 - 31 (73.7 - 78.8)

### HOW TO ORDER

Configure model # by selecting one option from each column:

BASE CODE	CONTOUR	WIDTH	HEIGHT
NO	ACB (Active), PCB (Plus)	14†, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29	9, 13, 16, 19

Complete Model # Example: NOACB1616

†Active Contour model only

# nxt™ CARBON FIBER FIXED-HEIGHT THORACIC BACK SUPPORT

Designed for active users wishing to keep the total weight of their chair down without sacrificing material strength or performance.

## WHAT'S INCLUDED

- One piece carbon fiber shell
- Depth adjustable lateral contours (Plus Contour only)
- Dual density foam back cushion
- Antimicrobial spacer mesh cover (washable)
- Installation hardware - QuickFit cane brackets & QuickFit back brackets

## ACCESSORIES & OPTIONS

- Lateral supports
- Head supports
- Replacement cover and foam
- Optional one hand quick release
- Active or Plus Contour options
- Optional fixed hardware (add **F** to end of model #)

## SPECIFICATIONS - INCH (CM)

	AC	PC
Weight* - lbs (kg)	1.75 (0.78)	2.1 (0.95)
Height	9 - 16 (22.8 - 40.6)	
Width	14 - 22 (35.5 - 55.9)	15 - 22 (38.1 - 55.9)
Contour Depth	3 (7.6)	5.5 - 7 (14 - 18)
Weight Capacity - lbs (kg)	300 (136.08)	

\*weight based on 16 x 16" shell

## SIZES - INCH (CM)

WIDTH	HEIGHT			FITS WHEELCHAIR WIDTHS
14† (35.6)	9 (22.8)	13 (33)	16 (40.6)	14 - 16 (35.6 - 40.6)
15 (38.1)				15 - 17 (38.1 - 43.2)
16 (40.6)				16 - 18 (40.6 - 45.7)
17 (43.2)				17 - 19 (43.2 - 48.3)
18 (45.7)				18 - 20 (45.7 - 50.8)
19 (48.3)				19 - 21 (48.3 - 53.3)
20 (50.8)				20 - 22 (50.8 - 55.9)

## HOW TO ORDER

Configure model # by selecting one option from each column:

BASE CODE	CONTOUR	WIDTH	HEIGHT
NOCF	ACB (Active), PCB (Plus)	14†, 15, 16, 17, 18, 19, 20	9, 13, 16

Complete Model # Example: NOCFACB1616



**E** Manufactured from T700 high-modulus carbon fiber, the lightest and most rigid available

**A** Scapula cut-out shape

**B** Deep, depth adjustable lateral contours for optimal midline support and positioning (Plus Contour only)

**C** One-piece ultra-light carbon fiber shell

**D** Lateral contours are higher, targeting better support in the thoracic region while maintaining optimal pelvic positioning



†Active Contour model only

**E Provides aggressive support to the PSIS, Ideal for supporting optimal or neutral pelvic positions in a step by step process.**



**A Incrementally adjustable width, height, depth & angle**

**B Able to wrap around the curve of the spine for users with Kyphosis and offload the spinous process in the recess of the middle channel.**

**C Stepless width adjustment**

**D Allows proper placement of the gluteal shelf**

## nxt™ ARMADILLO™ BACK

A multi-adjustable postural support back which features a three section modular shell with dual density visco gel and polyurethane foam back cushion. Designed to adjust to fit the unique contour of the user's spine and to accommodate users with kyphosis and other spinal deformities.

### WHAT'S INCLUDED

- Aluminum three-section modular shell
- Dual-density foam back cushion – visco gel top layer, polyurethane base
- Breathable stretch fabric cover
- Installation hardware - QuickFit cane brackets, QuickFit back brackets

### ACCESSORIES & OPTIONS

- Lateral supports
- Head supports
- Replacement outer cover and foam

### SPECIFICATIONS

Back Shell Weight*	3.9lbs (1.77kg)
Height	16 - 18" (40.6 - 45.7cm)
Fits Wheelchair Width	14 - 26" (35.6 - 66.0cm)
Top Adjustability	40° Anterior - 20° Posterior
Lower Adjustability	30° Anterior - 30° Posterior
Max user weight	400lbs (181.4kg)

\*weight based on 16 x 16" shell

### SIZES - INCH (CM)

WIDTH	HEIGHT	FITS WHEELCHAIR WIDTHS
14 (35.6)	16 (40.6)	14 - 16 (35.6 - 40.6)
16 (40.6)		16 - 18 (40.6 - 45.7)
18 (45.7)	18 (45.7)	18 - 20 (45.7 - 50.8)
20 (50.8)		20 - 22 (50.8 - 55.9)
22 (55.9)		22 - 24 (55.9 - 61.0)
24 (61.0)		24 - 26 (61.0 - 66.0)

### HOW TO ORDER

Configure model # by selecting one option from each column:

BASE CODE	WIDTH	HEIGHT
NMAPSB	14, 16, 18, 20, 22, 24	16, 18

**Complete Model # Example: NMAPSB1416**

## next™ ARMADILLO™ BACK WITH VICAIR® TECHNOLOGY CUSHION

A multi-adjustable postural support back which features a three section modular shell with 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 effect the shape of the contour incrementally and permanently.

### WHAT'S INCLUDED

- Aluminum three-section modular shell
- Customizable Vicair 9-pocket cushion
- Breathable stretch fabric cover
- Installation hardware - QuickFit cane brackets, QuickFit back brackets

### ACCESSORIES & OPTIONS

- Lateral supports
- Head supports
- Replacement outer cover

### SPECIFICATIONS

Back Shell Weight*	3.9lbs (1.77kg)
Height	16 - 18" (40.6 - 45.7cm)
Fits Wheelchair Width	14 - 22" (35.6 - 55.9cm)
Top Adjustability	40° Anterior - 20° Posterior
Lower Adjustability	30° Anterior - 30° Posterior
Max user weight	300lbs (136.08kg)

\*weight based on 16 x 16" shell

### SIZES - INCH (CM)

WIDTH	HEIGHT	FITS WHEELCHAIR WIDTHS
14 (35.6)	16 (40.6)	14 - 16 (35.6 - 40.6)
16 (40.6)		16 - 18 (40.6 - 45.7)
18 (45.7)	18 (45.7)	18 - 20 (45.7 - 50.8)
20 (50.8)		20 - 22 (50.8 - 55.9)

### HOW TO ORDER

Configure model # by selecting one option from each column:

BASE CODE	WIDTH	HEIGHT
NVMAPSB	14, 16, 18, 20	16, 18

Complete Model # Example: NVMAPSB1416



**NOT SOLD IN THE U.S.A. AND OTHER COUNTRIES – INQUIRE FOR DETAILS.**



Adjustable compartments with SmartCell™ Technology allows for pressure redistribution and positioning, preventing skin breakdown.

**A** Incrementally adjustable width, height, depth & angle

**B** Central compartment allows off-loading of the spine

**C** Stepless width adjustment

**D** Allows proper placement of the gluteal shelf

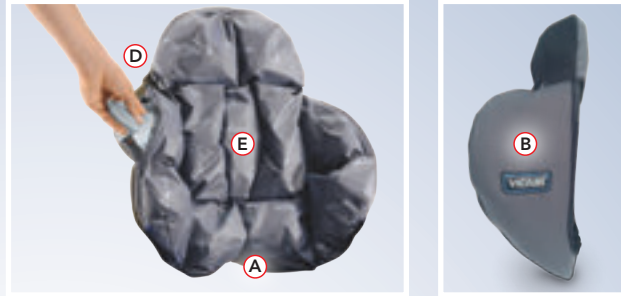
**E** Customize the contour to fit the spinal deficiency

**F** Incremental adjustments can be made as often as required

**G** Adjustable Vicair Cushion has nine pockets which are individually accessible to customize for maximum postural support and comfort



**Adjustable compartments with SmartCell™ Technology** allows for pressure redistribution and positioning, preventing skin breakdown.



- A Shape can be adjusted** to accommodate a change in the users postural support needs
- B Deep 6" lateral supports** bend inward or outward to further customize the fit
- C Deep contour** for excellent positioning of the spine with cradled support
- D Incremental adjustments** can be made as often as required
- E Adjustable Vicair Cushion** has eleven pockets which are individually accessible to customize for maximum postural support and comfort

## nxt™ BACK WITH VICAIR® TECHNOLOGY CUSHION

Designed to address kyphotic users postures, or users with potential for skin breakdown on the their spine.

### WHAT'S INCLUDED

- One-piece aluminum shell
- Vicair back cushion with SmartCells
- Depth adjustable lateral contours
- Antimicrobial spacer mesh cover (washable)
- Installation hardware - QuickFit cane brackets, QuickFit back brackets
- One-hand quick release

### ACCESSORIES & OPTIONS

- Lateral supports
- Head supports
- Replacement cover

### SPECIFICATIONS

Back Shell Weight*	3.7lbs (1.68kg)
Height	16 - 20" (40.6 - 50.8cm)
Fits Wheelchair Width	16 - 22" (40.6 - 55.9cm)
Top Adjustability	40° Anterior - 20° Posterior
Lower Adjustability	30° Anterior - 30° Posterior
Max user weight	300lbs (136.08kg)

\*weight based on 16 x 16" shell

### SIZES - INCH (CM)

WIDTH	HEIGHT		FITS WHEELCHAIR WIDTHS
16 (40.6)	16 (40.6)	18 (45.7)	16 - 18 (40.6 - 45.7)
18 (45.7)			18 - 20 (45.7 - 50.8)
20 (50.8)			20 - 22 (50.8 - 55.9)

### HOW TO ORDER

Configure model # by selecting one option from each column:

BASE CODE	WIDTH	HEIGHT
NVCB	16, 18, 20	16, 18

Complete Model # Example: NVCB1616



**NOT SOLD IN THE U.S.A. AND OTHER COUNTRIES - INQUIRE FOR DETAILS.**

## ACCESSORIES: LATERAL TRUNK/PELVIC SUPPORTS

A wide range of thoracic trunk supports are available for backs supports. These included fixed and swing away options, arm styles with single or dual pads in multiple sizes. Pads are adjustable in angle, length and position. All supports have neoprene covers available.

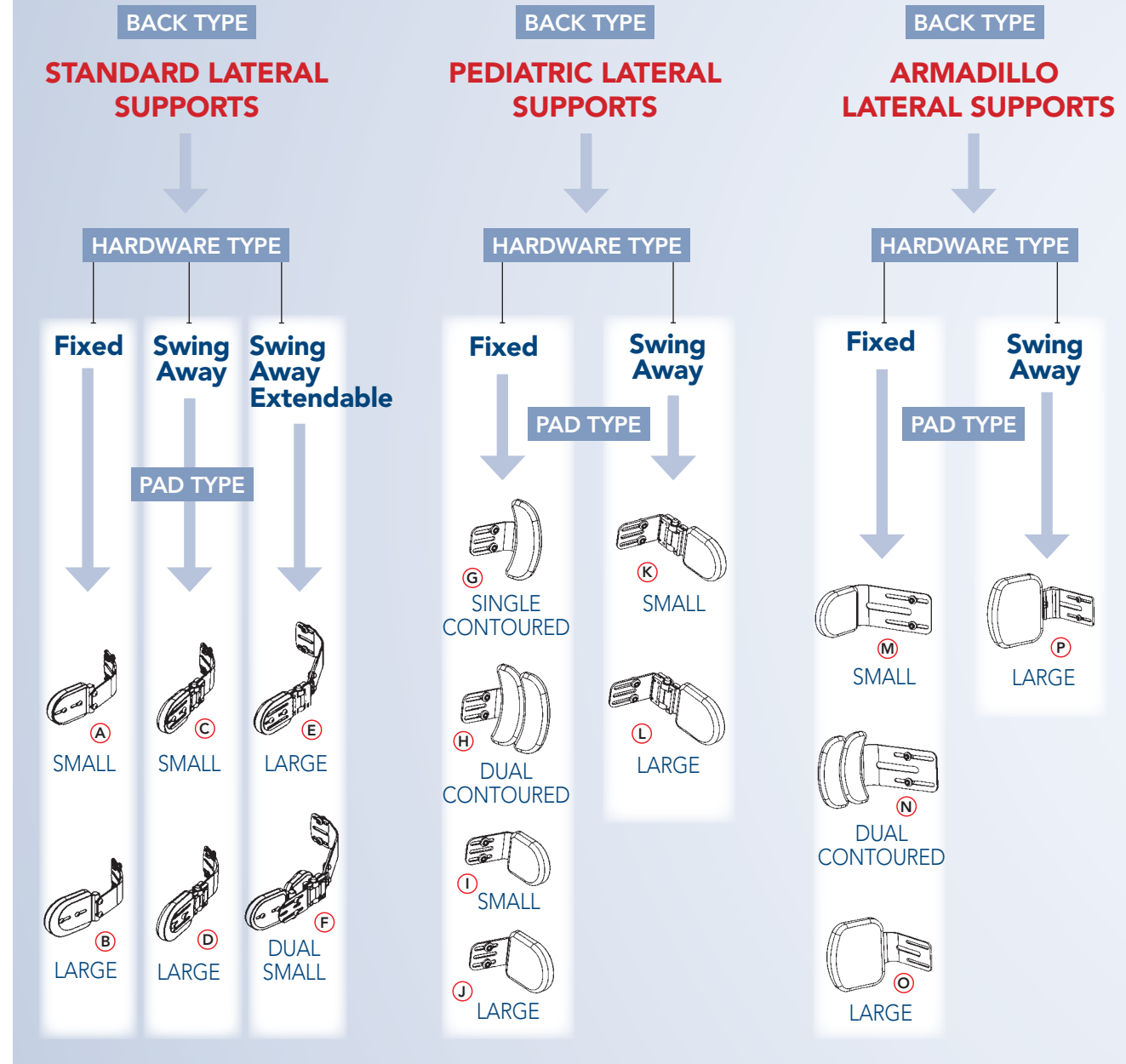
### 3 TYPES OF HARDWARE

- FIXED** – Lateral remains fixed in place, for users that require permanent support
- SWING AWAY** – Lateral can be adjusted around the hinge to set proper contact point with client, in addition “swings away” on a pivot point to allow for easier transfers, or a break from support
- SWING AWAY EXTENDABLE** (available with standard laterals only) – Lateral has significantly more adjustability to ensure proper lateral or anterior lateral contact with client, in addition “swings away” on a pivot point to allow for easier transfers, or a break from support

### 5 TYPES OF PADS

- SMALL** – when minimal surface area of support is required - pad is approximately 3.5” deep x 3.25” high (8.9x8.3cm)
- SMALL DUAL ADJUSTABLE** (for use on the Swing Away Extendable hardware only) – angle between pads can be adjusted to fit the contour of and provide customized contact with the client - each pad is approximately 3.5” deep x 3.25” high (8.9x8.3cm)
- LARGE** – when more surface area of support is required - pad is approximately 4” deep x 3.5” high (10.2x8.9cm)
- CONTOUR** – when the client needs subtle lateral support added to a mild contoured back (offered in two depths, single pad or double pad) - each pad is approximately 2” deep x 5.5” high (5.1x14.0cm)
- XL (Armadillo only)** – maximum depth to ensure support clears the back substrate while providing increase surface area for contact with client - pad is approximately 6.5” deep x 7.5” high (16.5x19.1cm)

## CHOOSING LATERAL SUPPORTS





## STANDARD LATERAL SUPPORTS



**A**  
**Short Fixed Arm  
 with Small Pad**  
 NLAFS-NLPHS



**B**  
**Short Fixed Arm  
 with Large Pad**  
 NLAFS-NLPHL



**C**  
**Short Swing-Away  
 Arm with Small Pad**  
 NLASS-NLPSS



**D**  
**Short Swing-Away  
 Arm with Large Pad**  
 NLASS-NLPSL



**E**  
**Extendable  
 Swing-Away Arm  
 with Large Pads**  
 NLASA-NLPSL



**F**  
**Extendable  
 Swing-Away Arm with  
 Dual Small Pads**  
 NLASA-NLPTSS

## PEDIATRIC LATERAL SUPPORTS



**G**  
**Fixed Arm with  
 Single Contoured Pad**  
 NKLAF-NLPCS



**H**  
**Fixed Arm with  
 Dual Contoured Pad**  
 NKLAF-NLPCD



**I**  
**Fixed Arm with  
 Small Pad**  
 NKLAF-NLPS



**J**  
**Fixed Arm  
 with Large Pad**  
 NKLAF-NLPL



**K**  
**Swing-Away Arm  
 with Small Pad**  
 NKLAS-NLPSS



**L**  
**Swing-Away Arm  
 with Large Pad**  
 NKLAS-NLPSL

## ARMADILLO LATERAL SUPPORTS



**M**  
**Fixed Arm  
 with Small Pad**  
 NMAPS-LPS



**N**  
**Fixed Arm with  
 Dual Contoured Pad**  
 NMAPS-LCS



**O**  
**Fixed Arm  
 with Large Pad**  
 NMAPS-DLTSF



**P**  
**Swing-Away Arm  
 with Large Pad**  
 NMAPS-DLTSS



## NEOPRENE COVERS



**Q**  
**Standard**  
 NIB-0572



**R**  
**Single Contour**  
 NIB-0574



**S**  
**Double Contour**  
 NIB-0573



**T**  
**Armadillo Large**  
 NIB-1413

## ACCESSORIES: LUMBAR / PELVIC & LATERAL SUPPORT PADS

These foam pads are designed to be used as additional built up support in areas where more support is required. They are installed between the back shell and the back cushion and can be readjusted at any time. Pads are sold in pairs

NIB-0190	Lumbar/Pelvic Pads
NIB-0191	Small Lateral Support Pads
NIB-0192	Large Lateral Support Pads

## ACCESSORIES: PRIVACY FLAP

Made of durable spacer mesh, it is designed to add privacy for the user by covering the gap between the cushion and the back support.

NIB-1078	For 14"-16" (35.6-40.6cm) wide back supports
NIB-1079	For 17"-19" (43.2-48.3cm) wide back supports
NIB-1080	For 20"-22" (50.8-55.9cm) wide back supports



**A Lateral Support Pad**

**B Lumbar/Pelvic Support Pad**

**C Fastens to inside of cover with Velcro to secure in place**

**D Tapered edge for smooth transition into back foam**

**A Fastens to cover with Velcro to secure in place**

**B Installs under cushion to allow for depth adjustability**

## ACCESSORIES: MultiFit™ HEAD SUPPORT

Consists of two parts – fixtures and pads.  
To complete an order, specify the desired type of fixture and the size of pad required. Pad and/or fixture components can also be ordered separately.

### WHAT'S INCLUDED

- Fixtures – complete assembly with installation fixtures and two additional quick adjustment levers (if specified, comes with flip back kit)
- Pads – layered foam pad, removable/washable cover, and wipe down cover

### HOW TO ORDER

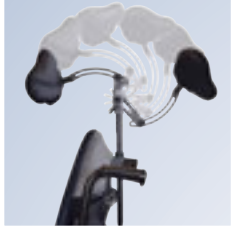
#### FIXTURES

NIB-0747	Standard head support fixture
NIB-1306	Standard head support fixture with flip back
NIB-1210	Flip back kit (is added to the standard support fixture to make it a flip back)
NIB-1200	Universal head support adapter

#### PADS

NIB-0785	Contoured 9 x 5" (22.9 x 12.7cm) multi-adjustable head support pad
NIB-0784	Large rectangular 10 x 5" (25.4 x 12.7cm) multi-adjustable head support pad
NIB-0818	Extra large rectangular 14 x 5" (35.6 x 12.7cm) multi-adjustable head support pad

#### Flip Back Motion



**Universal Head Support Adapter**  
(NIB-1200)



- A Comfortable layered foam pad**
- B Removable washable cover**
- C Curved depth & angle adjustment** feature provides a wide range of settings
- D** Vertical post can be set in **three different rotation orientations**
- E Latch style clamp** for easy height adjustment & removal
- F Wipe down cover**
- G Additional quick adjustment levers**, allowing for the option of easy multiple adjustments without the use of tools.



**Contoured**  
(NIB-0785)



**Large**  
(NIB-0784)



**Extra large**  
(NIB-0818)



## CUSHIONS

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.

nxt cushions come standard with an outer and inner cover. The outer cover is an air mesh cover provides comfort and keeps temperatures low. It has a textured non-skid bottom with loop Velcro and a carry strap.

The inner cover is fluid proof yet breathable. It is made of multi-directional stretch fabric allowing proper immersion. It has a zipper to allow for easy removal of the foam and can be wiped clean after each use. A fluid proof incontinence cover is an available option.

### PELVIC OBLIQUITY/LATERAL PADS

Available in 0.5" (1.3cm) or can be doubled to 1" (2.5cm), 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.

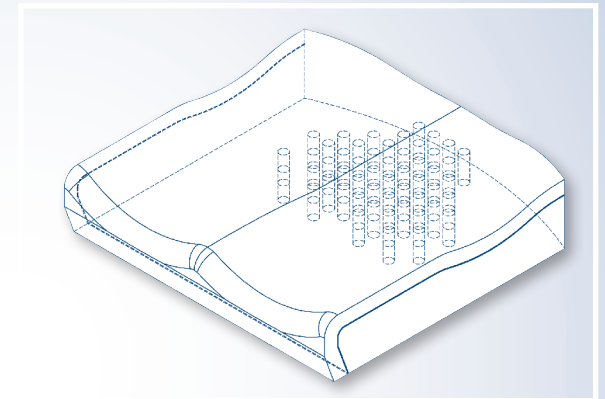


## Breathable fluid-proof inner cover made with multi-directional stretch fabric, for immersion, wipes clean between washes



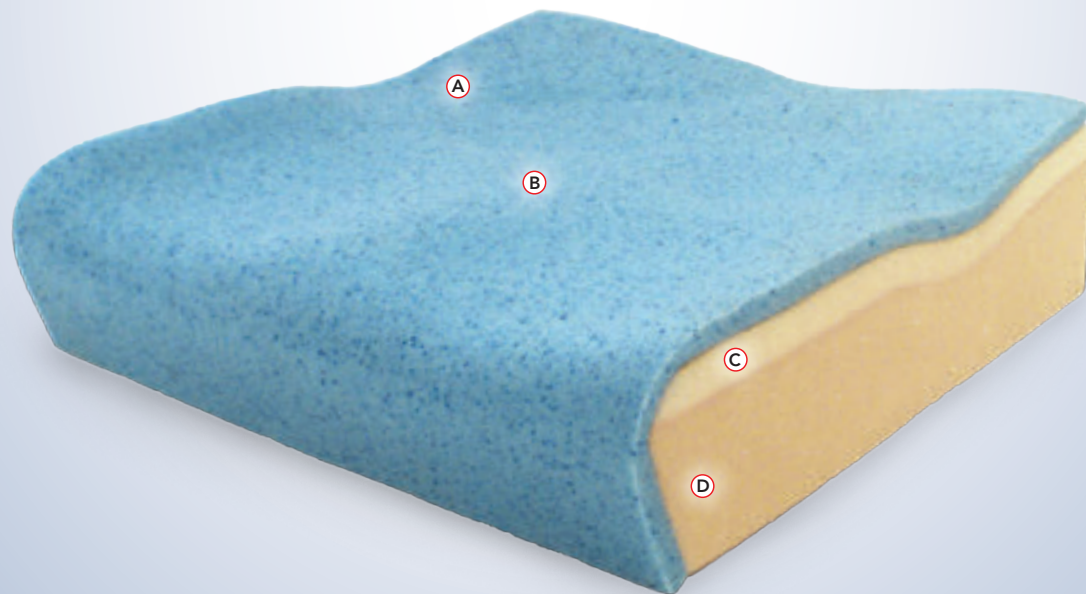
**Anatomically shaped SPS** (Selectively Perforated Softening) perforations are anatomically positioned to support the ischial/sacral area to prevent sliding and shear and maintain pelvic positioning. Provides immersion and lower pressures to the bony prominences while supporting surrounding areas that can take a higher load.

- (A) **Radius cut rear** for sacral support
- (B) **Pre-ischial support** prevents sliding while providing pelvic support
- (C) **Air mesh cover** for comfort & low temperatures
- (D) **Moderate abductor/adductor contour** for mid-line positioning of the femurs
- (E) **Beveled front edge** for foot propellers or users who want to sit with a tight front frame angle or who have tight ham strings
- (E) **Textured non-skid bottom** with loop Velcro & carry strap





- A Soft density top layer** with antibacterial properties for comfort and immersion
- B Blue Visco Gel foam** reduces heat build up critical to minimize skin integrity issues
- C Medium density Visco foam** provides improved support, positioning and immersion
- D Firm HR contour cut foam** for support, stability & durability with SPS technology



## nxt™ BioFIT™ CUSHION

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

### WHAT'S INCLUDED

- Foam cushion
- Inner cover
- Outer cover

### ACCESSORIES & OPTIONS

- Fluid proof incontinent cover
- Replacement outer cover
- Replacement inner cover
- Pelvic obliquity/lateral pad
- Solid seat insert

### SPECIFICATIONS

<b>Cushion Weight*</b>	2.4lbs (1.09kg)		
<b>Depth</b>	10 - 20" (25.4 - 55.9cm)		
<b>Width</b>	10 - 24" (25.4 - 61.0cm)		
	4.25"	(10.8cm)	
	3.75"	(9.5cm)	
	3.25"	(8.3cm)	
<b>Weight Capacity</b>	300lbs (136.1kg)	22-24" width	400lbs (181.4kg)

\*weight based on 16 x 16"

### SIZES - INCH (CM)

WIDTH	DEPTH			
	10 (25.4)	12 (30.5)	14 (35.6)	16 (40.6)
10 (25.4)				
12 (30.5)				
14 (35.6)				
16 (40.6)				
18 (45.7)				
20 (50.8)				
22 (55.9)				
24 (61.0)				

### HOW TO ORDER

Configure model # by selecting one option from each column:

BASE CODE	WIDTH	DEPTH
<b>NXCABF</b>	10, 12, 14, 16, 18, 20, 22, 24	16, 18, 20, 22

**Complete Model # Example: NXCABF1616**

\*Cushion customization available. They can be ordered with a depth reduction of 1, 2 or 3", right or left leg discrepancy of 1 or 2", and upon approval width reductions. See price list for details.

## next™ NüFIT™ CUSHION

The *next NüFit* cushion is a multi-layer contoured cushion designed for users who need a comfortable cushion with good positioning and are at low to medium risk of skin break down.




### WHAT'S INCLUDED

- Foam cushion
- Inner cover
- Outer cover

### ACCESSORIES & OPTIONS

- Fluid proof incontinent cover
- Replacement outer cover
- Replacement inner cover
- Pelvic obliquity/lateral pad
- Solid seat insert

### SPECIFICATIONS

<b>Cushion Weight*</b>	1.8lbs (0.82kg)
<b>Depth</b>	16 - 20" (40.6 - 50.8cm)
<b>Width</b>	16 - 22" (40.6 - 55.9cm)
	4.25" (10.8cm)
	3.75" (9.5cm)
	3.25" (8.3cm)
<b>Weight Capacity</b>	300lbs (136.1kg)

\*weight based on 16 x 16"

### SIZES - INCH (CM)

WIDTH	DEPTH		
16 (40.6)			
18 (45.7)	16 (40.6)	18 (45.7)	20 (50.8)
20 (50.8)			
22 (55.9)			

### HOW TO ORDER

Configure model # by selecting one option from each column:

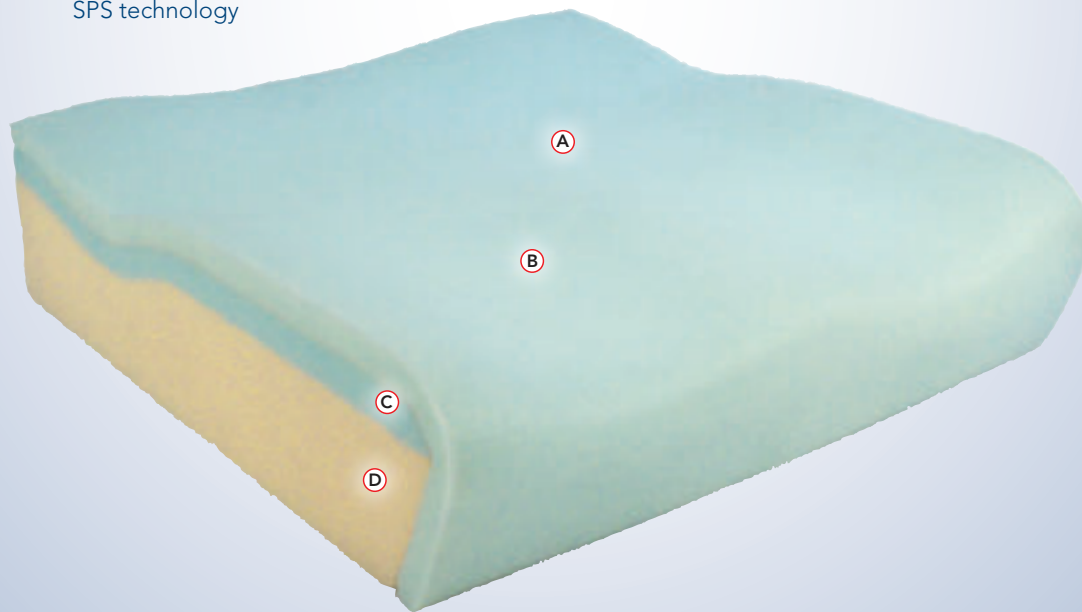
BASE CODE	WIDTH	DEPTH
NXCANF	16, 18, 20, 22	16, 18, 20

**Complete Model # Example:** NXCANF1616

\*Cushion customization available. They can be ordered with a depth reduction of 1, 2 or 3", right or left leg discrepancy of 1 or 2", and upon approval width reductions. See price list for details.



- (A) HR foam** is cool to touch and not affected by heat build up or extreme cold
- (B) Soft density top layer for comfort and emersion** made with antibacterial properties
- (C) Medium density HR foam** provides improved support, positioning and immersion
- (D) Firm HR contour cut foam** for stability & durability with SPS technology





Dynamic Health Care Solutions has a solid track record of outstanding service to the Health Care community.


Our strength is understanding the needs of our customers and their clients, and developing individualized solutions to meet and exceed them.

Our products and solutions have been carefully selected for quality, dignity and functionality.



## WARRANTY

The nxt™ Seating Series is manufactured with great care with a focus on quality and function. Each product comes with a two year warranty against manufacturer's defects from the date of purchase and applies to the original purchaser. Dynamic Health Care Solutions reserves the right to repair or replace it free of charge. The warranty does not apply to normal wear and tear, burns, punctures or tears to the cover. See specific product manual for more details.

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