



NXT™ Optima™ CARBON

THORACIC BACK SUPPORT

- Ⓐ One-piece ultra-light carbon fiber shell –manufactured from T700 high-modulus carbon fiber, the lightest and most rigid available
- Ⓑ Higher lateral contours, providing better support in the thoracic region while maintaining optimal pelvic positioning.

- Ⓒ Xtend Low DEEP offers adjustable lateral contour depth of 5.5 – 7" (14 – 17.8cm) for optimal mid-line support and positioning. DEEP Only.

OPTIMA CARBON



OPTIMA CARBON DEEP



with
smartGEL™
INFUSED VISCO TECHNOLOGY

◀ Shown with 2-Point Fixed
Micro Mount Hardware

**Shaped to support
your every move.**

The **NXT Optima CARBON Back Support** is designed for active users wishing to keep the total weight of their chair down without sacrificing material strength or performance.

FEATURES

WHAT IS INCLUDED:

- One piece ultra-light CARBON FIBRE shell
- Depth adjustable lateral contours (DEEP) only
- Dual density foam back cushion includes smartGEL™ Infused Visco Technology
- Antimicrobial spacer mesh cover (washable)
- Installation hardware - QuickFit Mounting System



The One-Hand Quick Release allows the back rest to be easily removed from the chair.



Low Pivot Point allows you to support the pelvis while adjusting recline.



Scapula Triangle – Improves shoulder freedom & head control

ACCESSORIES & OPTIONS:

- Regular and Deep Contour options
- Lateral supports
- Head supports
- Replacement cover and foam
- Optional fixed mounting Hardware



Pelvic Positioning cut-out provides a space for the buttocks to protrude beyond the back for a better, more natural seated position.



smartGEL™ Infused Visco Technology – reduces surface temperature, drawing heat away from skin providing superior comfort and softness.

QuickFit™ MOUNTING SYSTEM

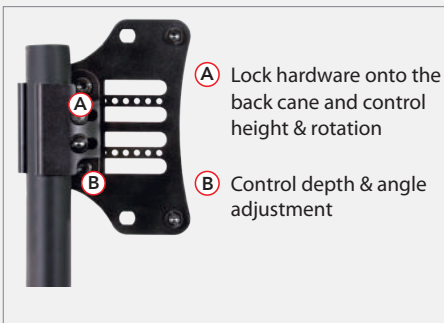
Lets you quickly and easily adjust while your client is in the chair.

- Reversible for increased depth range
- 5" (12.7cm) of depth adjustment, 2.5" (6.4cm) in front or behind back canes
- Easily expandable to allow the back support to fit on wider wheelchairs (up to 2" 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, 0.75-1" (1.9-2.5cm) back canes without shims


Angle Adjustability of 50°



QUICKFIT MOUNTING SYSTEM



ALTERNATE FIXED HARDWARE

2-POINT FIXED HARDWARE	2-POINT MICRO MOUNT	4-POINT FIXED HARDWARE
 NIB-1207	 NIB-1642	 NIB-1307
Optional: Use only on back supports with 16" (40.6cm) back height or lower.	Optional: Use only on back supports with 13" (33cm) back height or lower. Not width adjustable - fits one back /chair width.	Optional: Not width adjustable - fits one back /chair width.

Accommodates Asymmetrical Posture



SPECIFICATIONS



NXT™ Optima™ CARBON and Optima CARBON DEEP

– THORACIC BACK SUPPORT

SIZES – INCHES (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)
20 (50.8)				20 - 22 (50.8 - 55.9)

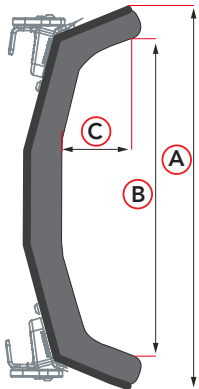
* Standard Contour Model Only ** Depending on hardware

SPECIFICATIONS – INCHES (CM)

	OPTIMA CARBON	OPTIMA CARBON DEEP
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)	

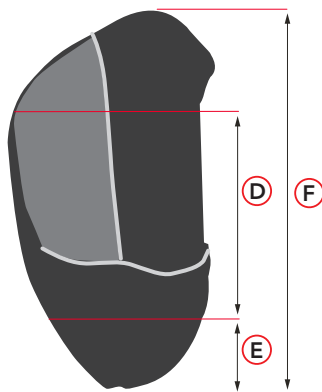
** Weight based on 16 x 16" shell

NXT OPTIMA CARBON



BACK DIMENSIONS – INCHES (CM)

	14/9 (35.5/22.9)	14/13 (35.5/33.0)	14/16 (35.5/40.6)	15/9 (38.1/22.9)	15/13 (38.1/33.0)	15/16 (38.1/40.6)	16/9 (40.6/22.9)	16/13 (40.6/33.0)	16/16 (40.6/40.6)
A	11.5 (29.2)	11.5 (29.2)	11.5 (29.2)	12.5 (31.7)	12.5 (31.7)	12.5 (31.7)	13.5 (34.2)	13.5 (34.2)	13.5 (34.2)
B	9.75 (24.7)	9.75 (24.7)	9.75 (24.7)	10.75 (27.3)	10.75 (27.3)	10.75 (27.3)	11.75 (29.8)	11.75 (29.8)	11.75 (29.8)
C	3 (7.6)	3 (7.6)	3 (7.6)	3 (7.6)	3 (7.6)	3 (7.6)	3 (7.6)	3 (7.6)	3 (7.6)
D	6 (15.2)	6 (15.2)	6 (15.2)	6 (15.2)	6 (15.2)	6 (15.2)	6 (15.2)	6 (15.2)	6 (15.2)
E	2 (5.0)	3 (7.6)	4 (10.1)	2 (5.0)	3 (7.6)	4 (10.1)	2 (5.0)	3 (7.6)	4 (10.1)
F	9 (22.8)	13 (33.0)	16 (40.6)	9 (22.8)	13 (33.0)	16 (40.6)	9 (22.8)	13 (33.0)	16 (40.6)



	17/9 (43.1/22.9)	17/13 (43.1/33.0)	17/16 (43.1/40.6)	18/9 (45.7/22.9)	18/13 (45.7/33.0)	18/16 (45.7/40.6)	20/9 (50.8/22.8)	20/13 (50.8/33.0)	20/16 (50.8/40.6)
A	14.5 (36.8)	14.5 (36.8)	14.5 (36.8)	15.5 (39.3)	15.5 (39.3)	15.5 (39.3)	17.5 (44.4)	17.5 (44.4)	17.5 (44.4)
B	12.75 (32.3)	12.75 (32.3)	12.75 (32.3)	13.75 (34.9)	13.75 (34.9)	13.75 (34.9)	15.75 (40.0)	15.75 (40.0)	15.75 (40.0)
C	3 (7.6)	3 (7.6)	3 (7.6)	3 (7.6)	3 (7.6)	3 (7.6)	3 (7.6)	3 (7.6)	3 (7.6)
D	6 (15.2)	6 (15.2)	6 (15.2)	6 (15.2)	6 (15.2)	6 (15.2)	6 (15.2)	6 (15.2)	6 (15.2)
E	2 (5.0)	3 (7.6)	4 (10.1)	2 (5.0)	3 (7.6)	4 (10.1)	2 (5.0)	3 (7.6)	4 (10.1)
F	9 (22.8)	13 (33.0)	16 (40.6)	9 (22.8)	13 (33.0)	16 (40.6)	9 (22.8)	13 (33.0)	16 (40.6)

"This back support is ideal for those active users who wish to keep the total weight of their chair down without sacrificing material strength or performance."

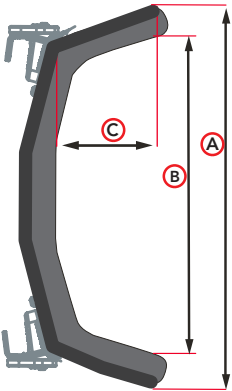
SPECIFICATIONS



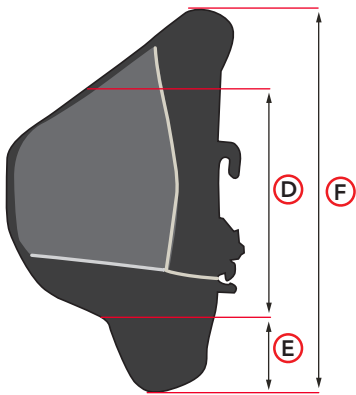
NXT™ Optima CARBON DEEP – THORACIC BACK SUPPORT

NXT OPTIMA CARBON DEEP

BACK DIMENSIONS – INCHES (CM)



	14/9 (35.5/22.9)	14/13 (35.5/33.0)	14/16 (35.5/40.6)	15/9 (38.1/22.9)	15/13 (38.1/33.0)	15/16 (38.1/40.6)	16/9 (40.6/22.9)	16/13 (40.6/33.0)	16/16 (40.6/40.6)
A	13 (33.0)	13 (33.0)	13 (33.0)	14 (35.5)	14 (35.5)	14 (35.5)	15 (38.1)	15 (38.1)	15 (38.1)
B	11.25 (28.5)	11.25 (28.5)	11.25 (28.5)	12.25 (31.1)	12.25 (31.1)	12.25 (31.1)	13.25 (33.6)	13.25 (33.6)	13.25 (33.6)
C	7 (17.7)	7 (17.7)	7 (17.7)	7 (17.7)	7 (17.7)	7 (17.7)	7 (17.7)	7 (17.7)	7 (17.7)
D	5 (12.7)	5 (12.7)	5 (12.7)	5 (12.7)	5 (12.7)	5 (12.7)	5 (12.7)	5 (12.7)	5 (12.7)
E	2 (5.0)	3 (7.6)	4 (10.1)	2 (5.0)	3 (7.6)	4 (10.1)	2 (5.0)	3 (7.6)	4 (10.1)
F	9 (22.8)	13 (33.0)	16 (40.6)	9 (22.8)	13 (33.0)	16 (40.6)	9 (22.8)	13 (33.0)	16 (40.6)



	17/9 (43.1/22.9)	17/13 (43.1/33.0)	17/16 (43.1/40.6)	18/9 (45.7/22.9)	18/13 (45.7/33.0)	18/16 (45.7/40.6)	20/9 (50.8/22.8)	20/13 (50.8/33.0)	20/16 (50.8/40.6)
A	16 (40.6)	16 (40.6)	16 (40.6)	17 (43.1)	17 (43.1)	17 (43.1)	19 (48.2)	19 (48.2)	19 (48.2)
B	14.25 (36.1)	14.25 (36.1)	14.25 (36.1)	15.25 (38.7)	15.25 (38.7)	15.25 (38.7)	17.25 (43.8)	17.25 (43.8)	17.25 (43.8)
C	7 (17.7)	7 (17.7)	7 (17.7)	7 (17.7)	7 (17.7)	7 (17.7)	7 (17.7)	7 (17.7)	7 (17.7)
D	5 (12.7)	5 (12.7)	5 (12.7)	6 (15.2)	6 (15.2)	6 (15.2)	6 (15.2)	6 (15.2)	6 (15.2)
E	2 (5.0)	3 (7.6)	4 (10.1)	2 (5.0)	3 (7.6)	4 (10.1)	2 (5.0)	3 (7.6)	4 (10.1)
F	9 (22.8)	13 (33.0)	16 (40.6)	9 (22.8)	13 (33.0)	16 (40.6)	9 (22.8)	13 (33.0)	16 (40.6)

