

## **GO BEYOND!**

Motion Composites offers a full line of ultralight rigid and folding wheelchairs made from carbon fiber or aluminum. We combine state-of-the-art engineering with innovative materials to create wheelchairs that lead their class in design, efficiency, and adjustability.

FIND THE WHEELCHAIR
THAT MEETS YOUR NEEDS













For wheelchair users looking to complement their chair and enhance their everyday life, **NEWTON** offers a selection of augmented mobility parts and accessories – each gives individuals enriched experiences and freedom of movement. NEWTON inspires confidence thanks to the simplicity, high quality, light weight, and compatibility of the accessories.

FIND YOUR WAY TO NEWTON'S AUGMENTED MOBILITY



SEATING AND POSITIONING

## **BACK SUPPORTS**

SHELL MATERIAL

CONTOUR DEPTH WEIGHT (16"X16"

**BACK SUPPORT)** 

WIDTH RANGE\*\*

LENGTH RANGE\*\*

LATERAL





**OPTIMA** 

**THORACIC BACK SUPPORT** 

Aluminum

3" (7.6 cm)

14" to 29"

9" to 19"

2.7 lbs (1.22 kg)

(35.6 - 78.8 cm)

(22.8 - 48.3 cm)



**OPTIMA DEEP** 

Aluminum

**THORACIC BACK SUPPORT** 

5.5-7" (14 - 17.8 cm)

3.3 lbs (1.5 kg)

(38.1 - 78.8 cm)

(22.8 - 48.3 cm)

15" to 29"

9" to 19"



**OPTIMA CARBON** 

Carbon Fiber

3" (7.6 cm)

14" to 22"

9" to 16"

1.75 lbs (0.78 kg)

(35.6 - 55.9 cm)

(22.8 - 40.6 cm)

THORACIC **BACK SUPPORT** 



**OPTIMA CARBON DEEP** 

**THORACIC BACK SUPPORT** 

Carbon Fiber

5-7.5" (12.7 - 19 cm)

2.1 lbs (0.95 kg)

(38.1-55.9 cm)

(22.8 - 40.6 cm)

15" to 22"

9" to 16"



**XTEND** 

Aluminum

3" (7.6 cm)

16" to 24"

16" to 20"

(40.6 - 61 cm)

(40.6 - 50.8 cm)

4.1 lbs (1.86 kg)

HEIGHT ADJUSTABLE THORACIC BACK **SUPPORT** 



**XTEND DEEP** 

Aluminum

HEIGHT ADJUSTABLE THORACIC BACK **SUPPORT** 

5.5-7" (14 - 17.8 cm)

3.3 lbs (1.5 kg)

(40.6 - 61 cm)

(40.6 - 50.8 cm)

16" to 24"

16" to 20"



**XTEND LOW** 

**HEIGHT ADJUSTABLE** THORACIC BACK **SUPPORT** 

Aluminum

3" (7.6 cm)

12" to 22"

13" to 17"

3.75 lbs (1.7 kg)

(30.5 - 55.9 cm)

(33 - 43.2 cm)



**XTEND LOW DEEP** 

HEIGHT ADJUSTABLE THORACIC BACK **SUPPORT** 

Aluminum

5.5-7" (14 - 17.8 cm) No contour

4.35 lbs (1.97 kg)

12" to 22" (30.5 - 55.9 cm)

13" to 17" (33 - 43.2 cm) Aluminum

3.9 lbs (1.77 kg)

**ARMADILLO** 

**MULTI-POSITION** 

**BACK SUPPORT** 

14" to 24" (35.6 - 61 cm)

> 16" to 20" (40.6 - 50.8 cm)



**CLASSIC** 

**PELVIC BACK SUPPORT** 



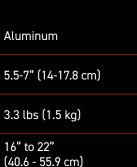


**CLASSIC DEEP** 

**PELVIC** BACK SUPPORT

16" to 20"

(40.6 - 50.8 cm)



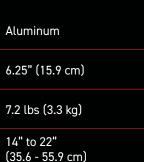


üFIT\*

16" to 20"

(40.6 - 50.8 cm)

**PELVIC BACK SUPPORT** 





üFIT DEEP\*

**PELVIC BACK SUPPORT** 



(35.6 - 55.9 cm)

(40.6 - 50.8 cm)

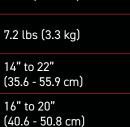
16" to 20"



üFIT II\*

**THORACIC BACK SUPPORT** 







üFIT II DEEP\*

THORACIC **BACK SUPPORT** 

9.55" (24.3 cm)	

7.9 lbs (3.6 kg)

Aluminum

14" to 22" (35.6 - 55.9 cm)

16" to 20" (40.6 - 50.8 cm)



**DEPTH RANGE\*** 









**CUSHION** 

3 layers - a firm molded

16" to 20" (40.6 - 50.8 cm)

FOAM SPECIFICS	layer, a medium density visco-foam layer and a soft smartgel layer	layer, a medium densit visco-foam layer and a soft density foam top
COVER	4 way stretch, smartx3D, inner	incotinent cover included
WEIGHT CAPACITY	• 300 lbs (136.1 kg) • 22-24" (55.9 - 61 cm) widths up to 400 lbs (181.4 kg)	• Up to 300 lbs (136.1 k
WIDTH RANGE**	10" to 26" (25.4 - 66 cm)	16" to 22" (40.6 - 55.9 c

10" to 22" (25.4 - 55.9 cm)



<sup>\*</sup>Not available in all markets. \*\*For specific information see individual model specification sheets.