



## 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



0021183A-10 - Comparison Chart NXT - EN

# SEATING AND POSITIONING

BACK  
SUPPORTS



OPTIMA

THORACIC  
BACK SUPPORT



OPTIMA  
DEEP

THORACIC  
BACK SUPPORT



OPTIMA  
CARBON

THORACIC  
BACK SUPPORT



OPTIMA  
CARBON DEEP

THORACIC  
BACK SUPPORT



XTEND

HEIGHT ADJUSTABLE  
THORACIC BACK  
SUPPORT



XTEND  
DEEP

HEIGHT ADJUSTABLE  
THORACIC BACK  
SUPPORT



XTEND LOW

HEIGHT ADJUSTABLE  
THORACIC BACK  
SUPPORT



XTEND  
LOW DEEP

HEIGHT ADJUSTABLE  
THORACIC BACK  
SUPPORT



ARMADILLO

MULTI-POSITION  
BACK SUPPORT

SHELL MATERIAL	Aluminum	Aluminum	Carbon Fiber	Carbon Fiber	Aluminum	Aluminum	Aluminum	Aluminum	Aluminum
LATERAL CONTOUR DEPTH	3" (7.6 cm)	5.5-7" (14 - 17.8 cm)	3" (7.6 cm)	5-7.5" (12.7 - 19 cm)	3" (7.6 cm)	5.5-7" (14 - 17.8 cm)	3" (7.6 cm)	5.5-7" (14 - 17.8 cm)	No contour
WEIGHT (16"X16" BACK SUPPORT)	2.7 lbs (1.22 kg)	3.3 lbs (1.5 kg)	1.75 lbs (0.78 kg)	2.1 lbs (0.95 kg)	4.1 lbs (1.86 kg)	3.3 lbs (1.5 kg)	3.75 lbs (1.7 kg)	4.35 lbs (1.97 kg)	3.9 lbs (1.77 kg)
WIDTH RANGE**	14" to 29" (35.6 - 78.8 cm)	15" to 29" (38.1 - 78.8 cm)	14" to 22" (35.6 - 55.9 cm)	15" to 22" (38.1- 55.9 cm)	16" to 24" (40.6 - 61 cm)	16" to 24" (40.6 - 61 cm)	12" to 22" (30.5 - 55.9 cm)	12" to 22" (30.5 - 55.9 cm)	14" to 24" (35.6 - 61 cm)
LENGTH RANGE**	9" to 19" (22.8 - 48.3 cm)	9" to 19" (22.8 - 48.3 cm)	9" to 16" (22.8 - 40.6 cm)	9" to 16" (22.8 - 40.6 cm)	16" to 20" (40.6 - 50.8 cm)	16" to 20" (40.6 - 50.8 cm)	13" to 17" (33 - 43.2 cm)	13" to 17" (33 - 43.2 cm)	16" to 20" (40.6 - 50.8 cm)



CLASSIC

PELVIC  
BACK SUPPORT



CLASSIC DEEP

PELVIC  
BACK SUPPORT



ÜFIT\*

PELVIC  
BACK SUPPORT



ÜFIT DEEP\*

PELVIC  
BACK SUPPORT



ÜFIT II\*

THORACIC  
BACK SUPPORT



ÜFIT II DEEP\*

THORACIC  
BACK SUPPORT

SHELL MATERIAL	Aluminum	Aluminum	Aluminum	Aluminum	Aluminum	Aluminum
LATERAL CONTOUR DEPTH	3" (7.6 cm)	5.5-7" (14-17.8 cm)	6.25" (15.9 cm)	8.75" (22.2 cm)	7.75" (19.7 cm)	9.55" (24.3 cm)
WEIGHT (16"X16" BACK SUPPORT)	2.6 lbs (1.18 kg)	3.3 lbs (1.5 kg)	7.2 lbs (3.3 kg)	7.9 lbs (3.6 kg)	7.2 lbs (3.3 kg)	7.9 lbs (3.6 kg)
WIDTH RANGE**	16" to 22" (40.6 - 55.9 cm)	16" to 22" (40.6 - 55.9 cm)	14" to 22" (35.6 - 55.9 cm)	14" to 22" (35.6 - 55.9 cm)	14" to 22" (35.6 - 55.9 cm)	14" to 22" (35.6 - 55.9 cm)
LENGTH RANGE**	16" to 20" (40.6 - 50.8 cm)	16" to 20" (40.6 - 50.8 cm)	16" to 20" (40.6 - 50.8 cm)	16" to 20" (40.6 - 50.8 cm)	16" to 20" (40.6 - 50.8 cm)	16" to 20" (40.6 - 50.8 cm)

SEAT  
CUSHIONS



BIOFIT

CUSHION



NÜFIT

CUSHION

FOAM SPECIFICS	3 layers - a firm molded layer, a medium density visco-foam layer and a soft smartgel layer	3 layers - a firm molded layer, a medium density 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 kg)
WIDTH RANGE**	10" to 26" (25.4 - 66 cm)	16" to 22" (40.6 - 55.9 cm)
DEPTH RANGE**	10" to 22" (25.4 - 55.9 cm)	16" to 20" (40.6 - 50.8 cm)

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