



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_v3_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 incontinent 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.