

ROHO® AGILITY™

Back System



patent pending

**A new generation of
wheelchair back systems
with adjustable air technology**

POSITIONING BACK WITH ROHO® INSIDE



MADE IN USA

ROHO® AGILITY



ADJUSTABLE AIR

First back system to feature ROHO® AIR FLOATATION™ Technology inside

The ROHO AIR FLOATATION air insert allows individuals to adjust the air volume to their own comfort level and support postural changes.

Back System

A perfect blend of innovative features to give the user comfortable support without sacrificing function. Innovations that you've come to expect from ROHO.

The ROHO AGILITY Back System is the first positioning removable replacement back system loaded with features for individuals who need the perfect fit and solid, secure support. This innovative back design features our AIR FLOATATION™ Technology, for comfort and state-of-the-art quick release hardware for easy quick removal and reattachment. AGILITY is fully adjustable for comfort, positioning and support.



FLIP-ABLE

Fits wide torso and shoulders



Fits wider hips



Fully adjustable to fit more body shapes

- The AGILITY can be “flipped” to accommodate wider torsos and broader shoulders.
- Full range of Angle, Depth, Width and Vertical adjustment capabilities to address specific positioning needs.

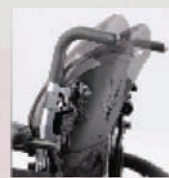
FULL RANGE OF ANGLE (TILT) ADJUSTMENTS



-15°



0°



+15°



ROHO® AGILITY™ Back System

Stability You Demand

- AGILITY stays in place once adjusted to an individual. The hardware's unique interlocking teeth prevent slippage of back system under load.
- Durable, lightweight hardware constructed from cutting-edge Zytel® nylon composite material – same advanced material used in automotive, electronics, furniture and firearm applications – known for its high mechanical strength even in high temperature conditions as well as its abrasion, chemical and flame resistance properties.

Safety You Can Depend On

- Springless, gravity-based lock system safely secures AGILITY to the chair and comes with a safety latch for added security.
- Unmatched Durability - Hardware tested and passed 100,000 cycles at 300 lbs (136.0 kg) of force to top edge of AGILITY Back. Tested above and beyond industry test standards and passed!
- Suitable for wheelchair use in a motor vehicle. Tested and surpassed industry motor vehicle crash test standards:
 - ANSI/RESNA WC-20 *Seating Devices for use in motor vehicles.*
 - ISO 16840-4 Wheelchair Seating Part 4: *Seating Systems for use in motor vehicles.*



patent pending

Quick Release Hardware for Easy, Single Hand Removal

- AGILITY can be easily removed for transport or storage even with limited hand dexterity. Simply unlock and lift with handle.
- Reinstalls easily, quickly and locks in place by sliding safety latch into the locked position.



FULL RANGE OF CONTOURS FOR VARYING POSTURAL SUPPORT AND POSITIONING NEEDS



MINIMUM CONTOUR



MID CONTOUR



MAX CONTOUR
Coming Soon

Cutting-edge technology maximizes support for individuals and minimizes setup and adjustment time for clinicians and suppliers

Easy, One-Tool Setup and Adjustment for Real Time Savings

- One-piece cane clamp fits $\frac{3}{4}$ " to 1" (2 to 3 cm) diameter canes on most wheelchairs and swings around the cane for quick installation.
- Exclusive one-piece clamp design fastens quickly to the canes. No loose parts. Clamp it, tighten it, done!
- One-bolt clamp adjustment also allows for fast vertical adjustment.
- Ability to adjust angle and depth while individual remains in the wheelchair.
- Single-point angle adjustment with full range of tilt adjustments from 5 degrees to 15 degrees forward or backward to meet the clinical/functional needs of the individual.
- Cane width, angle and seat depth adjustment tick marks on the hardware allows for precise, fully aligned adjustments. Takes the guess work out of adjusting a back system.



AGILITY Custom Back Variations

Every person is unique. ROHO offers the capability to custom design an AGILITY Back to meet individuals' very specific needs. AGILITY Backs can be ordered with any combination of techniques. An AGILITY custom back may qualify under U.S. HCPCS Code E2617 (Custom - Fabricated Wheelchair Back Cushion, and size, and type mounting hardware). Contact ROHO, Inc. for custom AGILITY Back System design orders.



ROHO® AGILITY™ MINIMUM



SPECIFICATIONS

- Weight ranges do not include Back Cane Hardware. Back Cane Hardware with Standard Bracket weighs 0.75 lbs. (0.30 kg):
 - 14" x 10" (35.5 cm x 25.5 cm), approximately 2.5 lbs (1.2 kg)
 - 16" x 16" (40.5 cm x 40.5 cm), approximately 4.0 lbs (1.8 kg)
 - 20" x 20" (51.0 cm x 51.0 cm), approximately 5.25 lbs (2.3 kg)
- Weight Limit is 300 lbs. (136 kg)
- INCLUDES: Back support, mounting hardware, foam pad, lumbar foam support (select models), cover, installation combo tool and instruction manual. Adjustable air insert, repair kit and hand pump available on models that include an AIR FLOATATION insert.
- AGILITY Minimum Contour is constructed of aircraft aluminum shell, breathable/washable polyester cover, and polyurethane air insert.
- Limited Warranties: Back Shell & Hardware are 36-months; Air Insert is 18-months; and Cover & Foam are 6-months.

MINIMUM CONTOUR BACK SYSTEM



The AGILITY MINIMUM CONTOUR Back System are available in foam and foam/air insert models.

AGILITY MINIMUM CONTOUR is recommended for people using wheelchairs who need basic postural support and minimal trunk support. Varying heights and widths along with the flippable back shell accommodate a wide range of body shapes and postural needs. Ideal for users who want to limit additional weight to their mobility system.

WIDTH: 14" to 20" (35.5 - 51.0 cm)



DEPTH: Up to 3" (7.5 cm)
avg. 2" - foam only
avg. 3" with air

Height: 10" to 20" (25.5 t-51.0 cm)



AGILITY MINIMUM CONTOUR Size Options

IN	CM	IN	CM	IN	CM	IN	CM
14"	35.5	16"	40.5	18"	45.5	20"	51.0
14w x 10h	35.5 x 25.5	16w x 10h	40.5 x 25.5	18w x 10h	45.5 x 25.5	20w x 10h	51.0 x 25.5
14w x 13h	35.5 x 33.0	16w x 13h	40.5 x 33.0	18w x 13h	45.5 x 33.0	20w x 13h	51.0 x 33.0
14w x 16h	35.5 x 40.6	16w x 16h	40.5 x 40.5	18w x 16h	45.5 x 40.5	20w x 16h	51.0 x 40.5
14w x 18h	35.5 x 45.5	16w x 18h	40.5 x 45.5	18w x 18h	45.5 x 45.5	20w x 18h	51.0 x 45.5
13-14	33-35.5	15-16	38-40.5	17-18	43-45.5	19-20	48-51
FITS CHAIR SIZES							

U.S. HCPCS Codes:

- E2611 - Foam only, no lumbar - Code Approved
- E2613 - Foam only, with lumbar - Code Pending
- E2620 - With air insert, no lumbar - Code Approved
- E2615 - With air insert, with lumbar - Code Pending



ROHO® AGILITY™ MID CONTOUR



patent pending

SPECIFICATIONS

- Weight ranges do not include back cane hardware. Back cane hardware with standard bracket weighs only 0.75 lbs. (0.30 kg):
 - 14 in. x 10 in. (35.5 cm x 25.5 cm), approximately 2.5 lbs (1.2 kg)
 - 16 in. x 16 in. (40.5 cm x 40.5 cm), approximately 4.25 lbs (1.9 kg)
 - 20 in. x 20 in. (51.0 cm x 51.0 cm), approximately 6.0 lbs (2.8 kg)
- Weight Limit is 300 lbs. (136 kg)
- INCLUDES: Back support, mounting hardware, lumbar foam support (select models), adjustable air insert, repair kit, hand pump, cover, installation combo tool and instruction manual.
- AGILITY Mid Contour is constructed of 6061 aircraft aluminum shell, breathable/washable polyester cover, and polyurethane air insert.
- Limited Warranties: Back Shell & Hardware are 36-months; Air Insert is 18-months; and Cover & Foam are 6-months.

CONTOUR BACK SYSTEM



The AGILITY MID CONTOUR Back System is available in foam/air insert models.

AGILITY MID CONTOUR is recommended for people using wheelchairs who need postural support and mid thoracic trunk support. Users may be independent or require some assistance with transfers. Additional support may be provided by attaching ROHO AGILITY Laterals. Varying heights and widths along with the flippable back shell accommodate a wide range of body shapes and postural needs. Also, ideal for users who want to limit additional weight to their mobility system.

AGILITY MID CONTOUR Size Options

IN	CM	IN	CM	IN	CM	IN	CM
14"	35.5	16"	40.5	18"	45.5	20"	51.0
14w x 10h	35.5 x 25.5	16w x 10h	40.5 x 25.5	18w x 10h	45.5 x 25.5	20w x 10h	51.0 x 25.5
14w x 13h	35.5 x 33.0	16w x 13h	40.5 x 33.0	18w x 13h	45.5 x 33.0	20w x 13h	51.0 x 33.0
14w x 16h	35.5 x 40.5	16w x 16h	40.5 x 40.5	18w x 16h	45.5 x 40.5	20w x 16h	51.0 x 40.5
14w x 18h	35.5 x 45.5	16w x 18h	40.5 x 45.5	18w x 18h	45.5 x 45.5	20w x 18h	51.0 x 45.5
14w x 20h	35.5 x 51.0	16w x 20h	40.5 x 51.0	18w x 20h	45.5 x 51.0	20w x 20h	51.0 x 51.0
13-14	33-35.5	15-16	38.-40.5	17-18	43-45.5	19-20	48-51

FITS CHAIR SIZES

U.S. HCPCS Codes:

E2615 - With air insert, with lumbar - Code Pending

E2620 - With air insert, no lumbar - Code Approved





ROHO® AGILITY™ ACCESSOR

ROHO® AGILITY™ LATERALS

- AGILITY Laterals are designed to provide additional trunk support and positioning for individuals.
- They are available in swing-away and fixed brackets with flush or offset mounts.
- Swing-away brackets come with curved base with foam pad and cover while fixed brackets come with flat base with foam pad and cover.
- Fits all sizes of AGILITY Minimum Contour and AGILITY Mid Contour Back Systems.
- Order in singles to allow combination of one fixed and one swing-away which allows individuals to use the swing-away lateral on their transfer side for easier transfers.
- AGILITY Laterals have a weight limit of 300 lbs. (136.0 kg).
- Limited Warranties: Brackets are 36 months; Covered Foam Pad is 6 months.



FIXED LATERAL

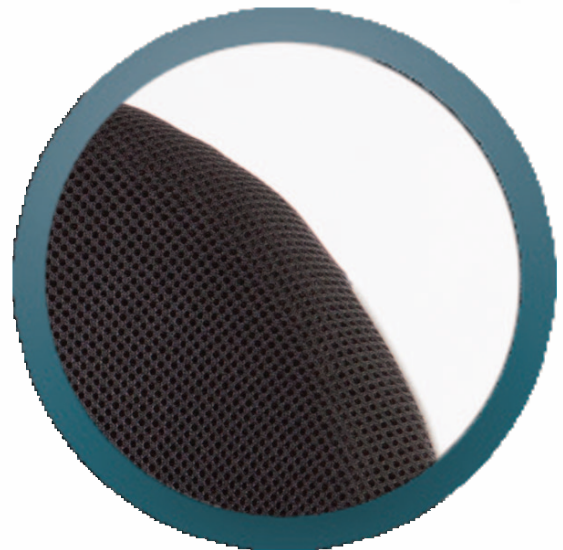


SWING-AWAY LATERAL

ROHO® AGILITY™ REPLACEMENT COVERS

Standard AGILITY Cover

- Durable, two-way stretch breathable, vapor-permeable polyester cover.
- Comes with every AGILITY Back System. Replacement covers may be ordered separately.
- Allows the individual to immerse into the foam and AIR FLOATATION insert for maximum comfort.
- Strap handle at top and bottom allows for easy removal and reattachment of the AGILITY Back System to the wheelchair.
- Hook and loop fasteners (supplied) keep the AGILITY back cushion fastened in place on the back shell.
- 6-month limited warranty.

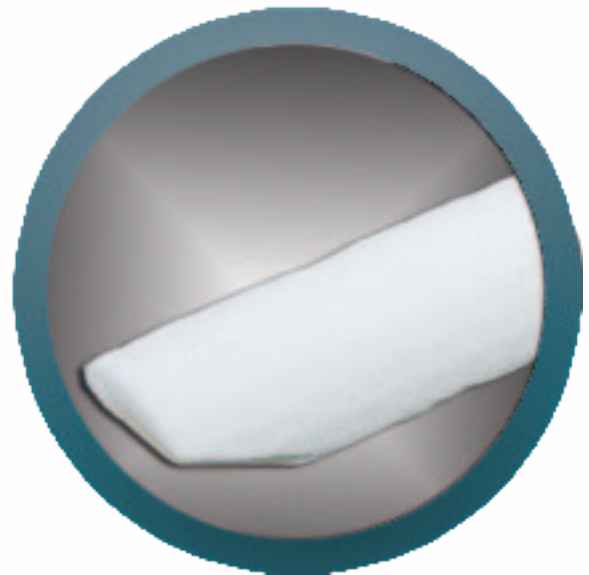




ROHO® AGILITY™ ACCESSOR

ROHO® AGILITY™ LUMBAR PAD

- Provides additional lumbar support and positioning to the individual (not included with all AGILITY models).
- For use with AGILITY Back Systems only.
- Polyurethane foam comes with hook and loop fastener strips to secure lumbar pad in place.
- 6-month limited warranty.



ROHO® AGILITY™ DUAL WRENCH

- Provided with every AGILITY Back System to be used for all installation and adjustment needs.
- Uniquely-designed dual wrench for convenient, fast setup and adjustments.
- Also sold separately.



USE FOR INSTALLING CANE HARDWARE



USE FOR ADJUSTING DEPTH, TILT, HEIGHT AND WIDTH.





ROHO® AGILITY™ FIT GUIDE

Model Selection Made Easy!

Example of AGILITY model numbers.

AG

2

16

18

AL

1

AGILITY	Contour	Width	Height	Backrest Options*	Hardware
AGILITY Prefix	Determine amount of lateral support needed	Measure chair's outer cane edges and individual's widest part of trunk.	Measure person's torso height from lower thoracic to shoulder height	Backrest support based on individual's specific needs. Custom Back Options Available. Standard Options include:	1 = Standard Adjustable Hardware
	2 = Minimum Contour	Minimum Contour ranges from 14" to 20" (35.5 cm to 51.0 cm)	Minimum Contour range from 10" to 18" (25.5 cm to 45.5 cm)	Minimum Contour: F = E2611 - Foam only, no lumbar , support pad	
				FL = E2613 - Foam only, with lumbar support pad	
				A = E2620 - With air insert, no lumbar support pad	
				AL = E2615 - With air insert, with lumbar support pad	

AG

3

20

16

AL

1

	3 = Mid Contour	Mid Contour ranges from 14" to 20" (35.5 cm to 51.0 cm)	Mid Contour ranges from 10" to 18" (25.5 cm to 51.0 cm)	Mid Contour: A = E2620 - With air insert, no lumbar support pad	
				AL = E2615 - With air insert, with lumbar support pad	

*NOTE: See AGILITY MINIMUM CONTOUR and AGILITY MID CONTOUR for specific code approvals and codes pending.

PRODUCT SIZING DETAILS

AGILITY WIDTH (W)		ADJUSTS TO FIT WHEELCHAIR WIDTHS			
		Smallest**		Largest	
in.	(cm)	in.	(cm)	in.	(cm)
14.0	(35.5)	13.0	(33.0)	14.0	(35.5)
16.0	(40.5)	15.0	(38.0)	16.0	(40.5)
18.0	(45.5)	17.0	(43.0)	18.0	(45.5)
20.0	(51.0)	19.0	(48.5)	20.0	(51.0)

Width (W) measurements are taken from the outside of the back cane to the outside of the back cane.

**There will be a 0.5 in. (1.5 cm) loss of seat depth if an AGILITY is fitted to the smallest wheelchair width within each size range.



AGILITY HEIGHT (H)		ADJUSTABLE AIR INSERT HEIGHT		
in.	(cm)	in.	(cm)	Rows of Cells
10.0	(25.5)	6.5	(16.5)	3
13.0	(33.0)	10.5	(27.0)	5
16.0	(40.5)	12.5	(32.0)	6
18.0	(45.5)	14.5	(37.0)	7
20.0	(51.0)	16.5	(42.0)	8

Height (H) measurements are taken from center edge to center edge between the narrow and wide ends of the back shell.
Note: Cover assembly not included in height measurement.

All air inserts:

- Width: 3 cells, 6.5 in. (16.5 cm)
- Perimeter: 0.25 in. (1.0 cm) included in height and width measurements
- Cell height: 1.25 in. (3.0 cm) when fully inflated

AGILITY DEPTH (D) AND WEIGHT RANGE

AGILITY Model

Depths and weights are based on (W x H): 14 in. x 10 in. (35.5 cm x 25.5 cm), 16 in. x 16 in. (40.5 cm x 40.5 cm), and 20 in. x 18 in. (51.0 cm x 45.5 cm) AGILITY Minimum Contour models. 14 in. x 10 in. (35.5 cm x 25.5 cm), 16 in. x 16 in. (40.5 cm x 40.5 cm), and 20 in. x 20 in. (51.0 cm x 51.0 cm) AGILITY Mid Contour models.

Average

DEPTH



Depth (D) measurements are taken from the highest point of a contoured edge of the cover to the center, front surface of a cover assembled with an air insert inflated to allow 0.5 in. (2.5 cm) immersion. Depth of foam only models will be 0.5 in. (2.5 cm) less.

	in.	(cm)
AGILITY Minimum Contour	3.0	(7.5)
AGILITY Mid Contour	4.0	(10.0)

WEIGHT

Average Weight does not include Back Cane Hardware. Pair of Back Cane Hardware with Standard Bracket weighs 0.75 lbs. (0.30 kg)

	lbs.	(kg)
AGILITY Minimum Contour	4.0	(1.8)
AGILITY Mid Contour	4.25	(1.9)

*NOTE: All measurements are approximate.



the ROHO group

shape fitting technology®



The Quality Management System of ROHO, Inc. is certified to ISO 9001:2008 and ISO 13485:2003.

ROHO, Inc. has a policy of continual product improvement and reserves the right to amend information in this brochure. The current version of this brochure is available on our website at www.therohogroup.com.

We recommend consulting with a certified rehab professional when ordering and fitting ROHO Group products. Visit NRRTS.org for information on certified providers in your area.



MADE IN USA

patent pending



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