

Seating & Positioning

# Back supports



permobil



# Trusted back solutions for every individual

At Permobil, we have wheelchair back support solutions for every individual. Solutions designed for all ages, sizes, abilities, and needs. Our backs range from basic to custom and include complex rehab’s most trusted names: ROHO and Comfort. We know how important it is to find the right wheelchair back, so we offer you the most advanced designs and in a choice of medium that works best for each individual: flowing air, foam and hybrids. Permobil back solutions are tested and refined by clinicians to deliver you protection, positioning, and stability – but even more importantly, peace of mind. You can trust in our products to lead to better outcomes, so you can live your life to the fullest. Permobil. Innovating for individuals.

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# Our standard backs

A system that fits well gives you the support you need. Our seating and positioning products are designed to adapt and adjust to your needs throughout each day and over time.



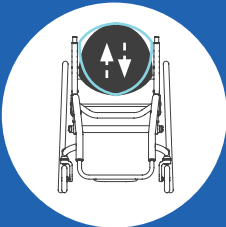
Comfort ACTA-BACK®



# ROHO® AGILITY® Back Supports – Standard series

The ROHO AGILITY back is designed to fit you and your unique needs. It is one of our strongest and easiest to adjust wheelchair back supports. Height, depth, and angle adjustments can be done even when you are seated to reduce the need for transfers. AGILITY backs are quick to install and adaptable to virtually any wheelchair. You can count on them to stay secure and in position to give you the support you need.

AGILITY backs are lightweight and durable thanks to the shell’s aircraft-grade aluminum, and feature a DRY FLOATATION insert to provide you with added stability and comfort. The air insert is fully adjustable and can be tailored to your comfort level and postural needs.



All AGILITY backs can be flipped to accommodate varying body shapes such as wider torsos or broader shoulders.



Lateral air inserts only available on the AGILITY Max Contour.

## ROHO AGILITY Max

### E2615/E2620

The AGILITY Max Contour back support delivers 7” of contour depth to provide significant posterior and lateral trunk support to give you optimal posture and stability. It is the only deep contour back with independent, adjustable, lateral air pads for better positioning and increased comfort.

Dimensions\*    Widths: 13”-20” (33 cm-51 cm)  
                         Depth: With air insert 7” (18 cm)  
                         Lengths: 16”-20” (40.5 cm-51 cm)

\*For part numbers and full size listings, refer to the order form or visit permobil.com

## ROHO AGILITY Minimum

### E2611/E2613/E2615/E2620

The AGILITY Minimum Contour back support gives you basic postural support that is lightweight and streamlined to fit your active lifestyle. This back is ideal for individuals who have good trunk control and need adjustability to enhance their range of motion.

Dimensions\*    Widths: 13”-20” (33 cm-51 cm)  
                         Depth: Foam: 2.5” (6.5 cm)  
   Foam/Air: 3” (7.5 cm)  
                         Lengths: 10”-18” (25.5 cm-45.5 cm)

\*For part numbers and full size listings, refer to the order form or visit permobil.com



**Zytel® hardware**  
The AGILITY quick release and fixed hardware are made from Zytel – a DuPont™ product which is known for its excellent strength-to-weight ratio, high mechanical strength, and abrasion resistance.

**Easy to adjust**  
With the AGILITY back, adjustments can be made up to 4” in height and up to 1” in depth. You can also get up to 15° of anterior or posterior tilt.

## ROHO AGILITY Mid

### E2615/E2620

The AGILITY Mid Contour back support has 4” of contour depth to provide you with posterior trunk support and moderate lateral support. This back is ideal for individuals who need additional trunk support and may benefit from having an adjustable back, or someone who may need or benefit from increased range of motion.

Dimensions\*    Widths: 13”-20” (33 cm-51 cm)  
                         Depth: With air insert 4” (10 cm)  
                         Lengths: 10”-20” (25.5 cm-51 cm)

\*For part numbers and full size listings, refer to the order form or visit permobil.com



**Comfortable**  
AGILITY backs integrate ROHO DRY FLOATATION® technology, an air insert that is fully adjustable and can be tailored to your comfort level and postural needs.



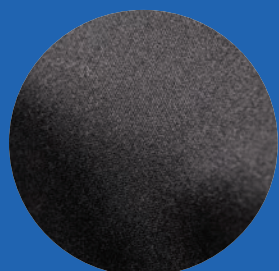
## ACTA-Relief and ACTA-Relief LTS

The ACTA-Relief back allows individuals to easily and quickly dial into a precision fit with the BOA® Fit System and its open frame design. The aluminum shell cut-out allows for deeper immersion into the back and offers you extra comfort with the Visco foam surface layer that contours to your body. The flexible, adjustable laces of the BOA® Fit System help this back to offset the center of pressure and better remove pressure points from the spine to support your seated position. Even better, all the adjustments can be made while you are seated.

*\*For part numbers and full size listings, refer to the order form or visit [permobil.com](http://permobil.com)*



STRETCH-AIR®



COMFORT-TEK®



3



Comfort

# ACTA-BACK® series

ACTA-BACK is a fully customizable back series that uses innovative moldable aluminum stays that conform to and support your back. These allow precise contours for any spinal curvature to create a support surface unique to each individual. This series includes Standard, Deep, Contour and LTS versions, and each provides optimal lumbar and thoracic positioning needs.

All ACTA-BACK series features:

- Three-layer foam construction, including a comfortable Visco surface layer.
- Lightweight, durable aluminum shell that comes with pre-drilled head support holes.
- Inner top zipper that allows moldable stays to be removed, molded, and replaced without taking apart the back support.
- Compass® 4 or Power Mount Hardware.
- Two cover fabric options let you choose the material that best suits your needs: STRETCH-AIR or COMFORT-TEK.
- BodiLink® Head Support (E0955) and Hardware (E1028) are optional and available.



Comfort

# ACTA-BACK

E2613/E2614

The built-in adjustability of the ACTA-BACK provides you with a custom fit and creates even pressure distribution along the entire back. It is a great choice for an individual with trunk stability and can provide mild to aggressive support for proper positioning.

Dimensions*	Widths: 12"-24" (30.5 cm-70 cm)
	Heights: 12"-22" (30.5 cm-56 cm)

\*For part numbers and full size listings, refer to the order form or visit permobil.com

Comfort

# ACTA-BACK LTS

E2620/E2621

ACTA-BACK LTS includes BodiLink® Premium Lateral trunk supports (LTS) that are constructed with moldable protective foam, and provide you with extra positioning support where you need it most. They come in four sizes: 3" L x 4" D, 4" L x 5" D, 4" L x 6.5" D, and 5" L x 6.5" D.

Dimensions*	Widths: 12"-24" (30.5 cm-70 cm)
	Heights: 12"-22" (30.5 cm-56 cm)

\*For part numbers and full size listings, refer to the order form or visit permobil.com



Comfort

# ACTA-BACK Deep

E2615/E2616

The ACTA-BACK Deep features adjustable side ‘wings’ to provide you with extended support. These wings are angle and width adjustable up to 2" and feature a thin profile for a greater range of motion. The ACTA-BACK Deep contoured shell also ranges in depths of 3", 5", and 7" that allow for greater immersion into the backrest to give you optimal stability.

Dimensions*	Widths: 12"-24" (30.5 cm-70 cm)
	Heights: 12"-22" (30.5 cm-56 cm)

\*For part numbers and full size listings, refer to the order form or visit permobil.com



Comfort

# ACTA-BACK Contour

E2620/E2621

This back provides you with support where you need it most. The ACTA-BACK Contour design includes lower thoracic trunk supports available in either a 5" or 8" lateral depth. This allows for great pelvic support while not limiting your upper thoracic range of motion.

Dimensions*	Widths: 16"-24" (41 cm-70 cm)
	Heights: 16"-22" (41 cm-56 cm)

\*For part numbers and full size listings, refer to the order form or visit permobil.com





Comfort

ACTA-EMBRACE® and ACTA-EMBRACE® LTS

E2620/E2621 LTS E2620/E2621

ACTA-EMBRACE is a planar-style back system with integrated trunk supports built into the lightweight aluminum shell. These ‘wings’ can be adjusted for angle, height, and up to 3” of width to create a truly custom supportive shape. It also includes moldable aluminum stays to provide you with extra positioning, pressure redistribution, and optimal contact.

ACTA-EMBRACE features:

- Integrated chest harness strap guides and pre-drilled head support holes.
- Inner top zipper that allows moldable stays to be removed, molded, and replaced without taking apart the backrest.
- Compass® 4 or Power Mount Hardware.
- Cover fabric options: STRETCH-AIR and COMFORT-TEK.
- Pediatric size wing option for 1.5” of width adjustment.
- Optional BodiLink Head Support (E0955) and Hardware (E1028).



Dimensions\*    Widths: 16”-24” (33 cm-51 cm)  
                         Heights: 10”-22” (25cm-56 cm)

\*For part numbers and full size listings, refer to the order form or visit permobil.com



BodiLink® Premium Lateral trunk supports (LTS) are constructed with moldable protective foam, and provide you with extra positioning support where you need it most. We make it easy by having these available to you when you order your ACTA-EMBRACE LTS back support. LTS come in four sizes: 3” L x 4” D, 4” L x 5” D, 4” L x 6.5” D, and 5” L x 6.5” D.

Our active backs

Quality materials mean better results. Our seating and positioning products are based on years of experience, development, and testing.

ROHO® AGILITY®  
Active Carbon back





ROHO

# AGILITY® Back supports – Active series

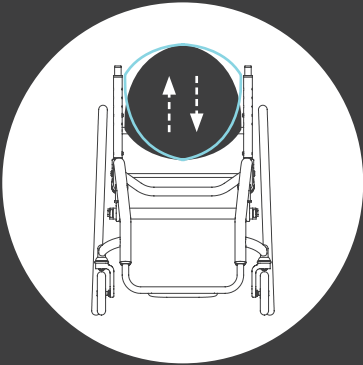
E2620

The streamlined AGILITY Active back supports are made for your lifestyle. Offered in lengths starting at 8”, the compact design and lightweight shells allow an individual to maximize their mobility. Integrated hardware gives a clean appearance while remaining smaller, lighter, and stronger than most fixed back supports. Choose between two contour depth options, min 3” or mid 4”.

Permobil offers two shell materials in the Active series to best meet your needs – standard aluminum or compression molded carbon fiber. The carbon upgrade also includes an air insert within the foam construction.

Dimensions*	Widths: 14”-18” (35.6 cm-45.7 cm)
	Depths: Min 3” (7.5 cm)
	Mid 4” (10 cm)
	Lengths (aluminum): 8”/10” (20.5 cm, 25.5 cm)
	Lengths (carbon): 10”/13”/16” (25.5 cm, 33 cm, 40.5 cm)

*\*For part numbers and full size listings, refer to the order form or visit permobil.com*



**Flip-a-bility**  
Can be flipped to accommodate varying body shapes such as wider torsos or broader shoulders.



**Fixed adjustable hardware**  
The Active series utilizes durable Zytel® discs to achieve the adjustments needed to provide a rock-solid back support for everyday performance. When loosened, the discs allow the shell to rotate independently, providing 15° of forward and rearward angle adjustment in 5 degree increments.

**Comfortable**  
AGILITY Carbon offers ROHO’s adjustable DRY FLOATATION® technology along the spinal column to increase overall comfort and to better conform to individuals.

Integrated hardware

Aluminum shell

Carbon fiber shell



# Our custom back

Every Permobil product is engineered with the human body in mind, and proven to provide you with better outcomes and peace of mind.

ROHO® AGILITY® Max  
Contour back with AGILITY  
Direct Mount Hardware and  
BodiLink® head support



## ROHO AGILITY® Custom back supports

### E2617

Everybody is unique – and a ROHO AGILITY Custom back can be too. By using different cell height combinations with our renowned DRY FLOATATION technology, and multiple or single valve options for air flow control, our customization process allows you to design the right-sized cells and components to fit your body shape and posture support needs. Then it is fitted to an AGILITY standard back shell size of your choice.

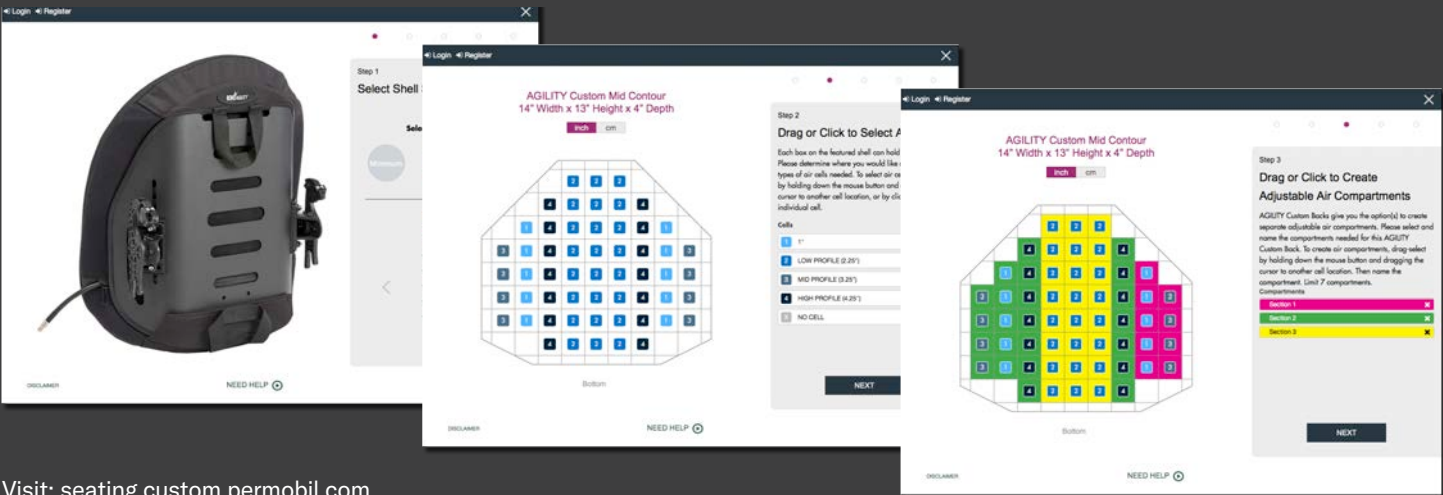
Custom backs are ideal for individuals who need a more intimate fit for positioning and comfort, and have unique postural needs not met by off-the-shelf seating solutions.

### Options:

- Customize number of valves and compartments
- Eliminate cells and sections

Dimensions*	Customize cell heights:
	1.25" (3 cm)
	2.25" (5.5 cm)
	3.25" (8.5 cm)
	4.25" (10.5 cm)

\*For part numbers and full size listings, refer to the order form or visit permobil.com



Visit: [seating.custom.permobil.com](https://seating.custom.permobil.com)



# Our back technologies

As technology progresses, so do we. We're constantly pushing to improve so we can deliver the stability, protection, and comfort you need to live life to the fullest.



## BOA® Fit System

Featured on the ACTA-Relief back, the BOA Fit System is easy-to-use, offers customized support for a wide variety of individuals, and adjustable for changing conditions. Each click of the BOA dial offers one millimeter of precision fit adjustment, and once the BOA dial is locked into place, it stays that way.

-  Push to engage
-  Turn to tighten
-  Pull up for quick release



## Comfort Moldable stays

Standard on all ACTA-BACK® and ACTA-EMBRACE® back supports, moldable stays allow for easy on-the-spot customization to accommodate a variety of spinal curvatures. Moldable stays allow for continual support of changing body conditions. Stays are located inside the cover and remain accessible for adjustments while the individual is seated.





# ROHO

## DRY FLOATATION® technology

ROHO’s DRY FLOATATION technology is based on hydrostatics which allows the back support air insert to mimic the pressure redistribution properties of water. DRY FLOATATION Technology follows four fundamentals for ensuring skin protection, positioning, and stability.

### Lets you in

Our unique design lets you easily sink into the back, reducing pressure and discomfort to your skin and soft tissues. When an individual spends the entire day seated, that’s a lot of pressure to deal with. A ROHO back allows your body to immerse without resistance into the air cells as it’s cradled in a protective environment that delivers comfort and distributes pressure.

### Moves with you

Throughout your daily activities, the ROHO back will adapt to your position. The air cells follow your motions, giving you support and freedom of movement. ROHO backs are designed to move with the body and constantly adapt to the changes that happen throughout each day and over time.

### Matches your shape

Water shapes perfectly to the body, so mimicking it means the ability of the back support insert to match to your individual shape. ROHO backs make this possible with flexible cells that can provide constant and even forces across all contact areas with the body, while ensuring you remain safe, stable, and in the right position.

### Works with you, not against you

Nothing feels like a ROHO back. The smooth surface reduces shear and friction without compromising your safety and comfort. The cells in a ROHO back support insert are designed to transport air between one another and adapt as the individual moves. So you can simply go about your day while the back works with you, always.



Comfort Embrace cushion and ACTA-EMBRACE® back with BodiLink® head support



# Our hardware

## ROHO AGILITY hardware

AGILITY standard backs are available with two adjustable hardware attachment options. Both quick release and fixed hardware can be adjusted once installed.

The quick release and fixed hardware exhibited no damage and did not move out of position when aggressively subjected to 300 pounds of force exerted for 100,000 cycles. AGILITY sustained over 1,000 times more cycles than its leading competitor.

AGILITY Active series features a sleek, integrated clamp hardware. Adjustment discs lock the back in place and allow for up to 15° of frontward and rearward adjustments.



ROHO® AGILITY® Active  
Aluminum back

## ROHO AGILITY Direct Mount

Direct mount hardware is exclusively for Permobil power wheelchair that have compatible Corpus seating and is compatible with the AGILITY Standard Aluminum series.





# Comfort ACTA-Back Hardware

## Compass 4

Compass® 4 hardware is strong, light, and independently adjustable in depth and angle of recline. The Compass® 4 hardware is easier to adjust and has a wider range of motion than leading competitor hardware.

## Compass Power Mount

This innovative design uses a single bracket to seamlessly integrate ACTA-Series back supports to compatible Permobil and other power wheelchairs. The Compass Power Mount bracket is easy to install, and height adjustments can be made while the individual is seated.



Compass Power Mount integrates with the following power wheelchair seating systems:

- Permobil® with Corpus® seating system
- Quantum® with TRU-Balance® 3 power seating system
- Quickie® with 3.7 power seating system
- Rovi® with Motion Concepts power seating system
- AVID Rehab

Please reference specific back support for more information on ordering and limitations.



Alignment markings on mounting bracket

Ergonomic lever on quick release

- Adjustment bracket includes:**
- Independent depth & recline
  - Recline locking screws
  - Lock & adjustment markings
  - Reversible depth bolt

Fits 3/4", 7/8", 1", and 1 1/8" diameter wheelchair canes

Serrated teeth and locking screw resist movement

Quick release attachment point



# Our back covers

## STRETCH-AIR®

Designed to be airy, stretchy, and breathable, the STRETCH-AIR cover for Comfort backs allows for heat dissipation and is soft to the touch. The two-ply material includes a high-stretch polyester top layer with a fluid-resistant but breathable vapor barrier underneath. STRETCH-AIR covers have multi-directional stretch and allow you to experience the full benefits of your chosen back design.

## COMFORT-TEK®

The COMFORT-TEK cover for Comfort backs is both smooth and strong. This fluid-resistant material is combined with a two-way stretch backing and is extremely soft for added comfort.

## ROHO®

AGILITY Standard and Active Aluminum back covers are both lightweight and durable for extended everyday use. The AGILITY Active Carbon back cover uses a distinctive diamond-weave spacer fabric on the front.



Comfort ACTA-Relief

# Our BodiLink® accessories

## Head supports

BodiLink adjustable head supports improve your positioning, alignment, and stability. They are available with flip-down hardware that allows the head support pad to swing back 120° away from your head and then automatically locks into place when returned to the original position.

### Features:

- Precise alignment and adjustable shape provide greater surface contact.
- Improved and expanded hardware includes Gear Tooth (GT) series and Piano Taper (PT) series.
- Premium or basic pads with 6 pad size options in each.
- 3 cover choices: COMFORT-TEK, STRETCH-AIR, and GlideWear™.



## Lateral trunk supports

BodiLink lateral trunk supports are designed with your body's shape in mind. The modular design and unique wrist joints make setup and adjustment easy. Premium and basic pads offered in active or supportive shapes with moldable or rigid pad styles.

### Features:

- Hardware is width and height adjustable for a customized fit.
- Premium or basic pads with 6 pad size options in each.
- 3 cover choices: COMFORT-TEK, STRETCH-AIR, and GlideWear™.





# ROHO back information

ROHO, Inc.  
1501 South 74th Street  
Belleville, Illinois 62223 USA

## Phone

USA: 800.736.0925  
Fax: 888.551.3449

## Customer support

orders.roho@permobil.com  
permobil.com

## Product use and maintenance

ROHO products are user friendly and easy to maintain.

An operation manual is provided with all ROHO back supports and includes safety, setup and care instructions as well as useful customer support and warranty information.

## Limited warranty

Limited warranty term from the date the product was originally purchased: ROHO AGILITY back shell and hardware: 60 month limited warranty. ROHO AGILITY back foam, cover and air insert: 18 months. Custom AGILITY DRY FLOATATION air insert: 36 months. See also the limited warranty supplement provided with your product or contact Customer Support.

## Returns

All returns require prior authorization from Permobil and are subject to a restocking charge. Before returning your product, contact our Customer Support department at (800) 736-0925 toll-free or (618) 277-9150 in the U.S.

## Quality management

ROHO, Inc., a part of Permobil Seating and Positioning, takes quality control much further than the FDA model, with its quality management system being certified to ISO 13485:2016.

# Comfort back information

The Comfort Companies, LLC  
1960 South Calhoun Road  
New Berlin, Wisconsin 53151 USA

## Phone

USA: 800.736.0925  
Fax: 406.522.8563

## Customer support

orders.comfort@permobil.com  
permobil.com  
comfortcompany.com

## Product use and maintenance

Comfort products are user friendly and can be easily adjusted and maintained. An operation manual is included with most Comfort products. The operation manual includes setup, care and cleaning instructions, as well as useful information regarding customer care and the product warranty.

## Warranty

This product is covered by a lifetime warranty against manufacturer defects. If a manufacturing defect should occur, discontinue use immediately; note that the product will be replaced at no cost to the buyer. Wear from regular use is not considered a manufacturing defect. Replacement parts are available by contacting your supplier, distributor, or retailer.

### The following will void the warranty:

Modifications made in attempt to interface with other products (where compatibility is limited, as described in product manual); alterations made to the product; or defects caused by irregular use.

## Warranty replacement procedure

Warranty claims should be initiated by the original purchaser, who should contact the DME supplier, distributor or retailer from whom the product was purchased, if they are available, or any authorized Permobil DME supplier, distributor or retailer. Whenever possible, the DME supplier, distributor or retailer with a warranty issue should contact Permobil Customer Support and provide the original purchase order number, sales order number, or invoice number. Before a warranty replacement order or quote may be processed, Customer Support must issue a Return Merchandise Authorization (RMA).

*DISCLAIMER: The information provided here is for informational purposes only. It is NOT intended to substitute for the advice of an appropriately qualified and licensed physician, clinician or other health care provider. Always seek the advice of your physician, clinician or other health care provider with any questions you may have regarding a medical condition.*

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*BOA® Fit System is a registered trademark of Boa Technology, Inc. Zytel® is a registered trademark of DuPont™. GlideWear™ is a registered TM of MIPS.*



“ The AGILITY Active Carbon back is sleek and it's light and it seamlessly attaches to my chair so I feel supported with every push. In fact, it's perfect! I don't struggle with it or even think about it because it just works for me.

- Julie Maloukis  
*Permobil user*

