



LTC

WHEELCHAIR SEATING & POSITIONING

PRODUCT SELECTION GUIDE



Hello,

This guide is a **QUICK & EASY** resource that will help you pick an appropriate **cushion**, **back support**, or **accessory** that is the right fit for your long term care resident.

COMFORT COMPANY EDUCATION

We at Comfort Company are committed to being a resource for all your seating and positioning needs.

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LinkedIn Group: Wheelchair Seating & Positioning Forum



Find additional resources at
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Products may be covered by one or more patents or pending patent applications. See www.comfortcompany.com/ip
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CUSHION SELECTION DECISION TREE

Does the resident sit in an abnormal posture that places them at risk to fall from the chair and/or develop a contracture?

No

Yes

Is the resident at risk for, have an existing, or have a history of wound development ?

All residents with a postural abnormality are at risk for skin breakdown.

No

Yes

**Standard
Cushions**

Glide

**Elements[®]
with Gel**

Support Pro

**Skin
Protection
Cushions**

Liberty[®] X

Adjuster[®]

Vector[®]

**Skin Protection & Positioning
Cushions**

Vector[®]

Saddle


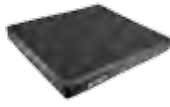


Shield

Adjuster[®] X

Vector[®] X

CUSHION COMPARISON CHART







*See page 4 for Key to Comparison Chart

		STANDARD			SKIN
		GLIDE  STAGE I-II Page 5	ELEMENTS® WITH GEL  STAGE I Page 5	SUPPORT PRO  STAGE I Page 6	LIBERTY® X  STAGE III-IV Page 7
POSTURAL ISSUES ADDRESSED	For individuals with minimal to no stability issues	●	●	●	
	Posterior Pelvic Tilt/Sacral Sitting				●
	Pelvic Obliquity				
	Pelvic Rotation				
	Windswept Deformity				
	Anterior Pelvic Tilt				
	Leg Length Discrepancy				
	Hip Contracture				
WOUNDS ADDRESSED*	Ischial				●
	Trochanter				●
	Sacral/Coccygeal	●			●
MEDIUM	Air				●
	Foam	●		●	
	Foam/Gel		●	○	
SHEAR REDUCTION	GlideWear®	●			○
	Vicair® Technology				●
MICROCLIMATE CONTROL	Mesh Liners				
	GlideWear®	●			○
	Incontinent Liners	○		○	○
TYPE OF PRESSURE REDISTRIBUTION*	Immersion				●
	Offloading				
CONTOURS FOR MAXIMUM OFFLOADING CAPABILITIES*	Deep Posterior Well				
	Lateral Tapered Adductors				
	Medial Abductor	●			
ADJUSTABILITY*	Ready Right Out of the Box, No Adjustability Required	●	●	●	●
	Lateral Tapered Adductors				
	Medial Abductor				
	Anti-Thrust				
	Coccygeal Zone/Ischial Zone				
	Rear Chambers				
	None	●	●	●	
SHAPE	Zero Elevation		●	●	●
	Pre-Contoured	●			
SIZES	Pediatric				
	Bariatric			7 SERIES TO 30W20D	
	Adult Standard	●	●	●	●

● = STANDARD

○ = OPTIONAL FEATURE

TREAT UNSTAGEABLE WOUNDS AND DTI WITH A STAGE III-IV CUSHION

PROTECTION		SKIN PROTECTION & POSITIONING			
ADJUSTER®	VECTOR®	SADDLE	SHIELD	ADJUSTER® X	VECTOR® X
					
STAGE III-IV Page 8	STAGE III-IV Page 9	STAGE I-II Page 10	STAGE III-IV Page 11	STAGE III-IV Page 12	STAGE III-IV Page 13
●	●	●	●	●	●
●	●			●	●
●	●		IF FLEXIBLE	●	
●	●		IF FLEXIBLE	●	●
	●			●	
●	●			●	●
	●			●	●
●	●	●	●	●	●
●	●		●	●	
●	●	●	●	●	●
	●	●	●	●	●
		●	●		
		○			
●	●		●	○	○
	●			●	●
			●	●	●
○	○	○	●	○	○
●	●		●	○	○
	●	●	●	●	●
	●	●	●	●	●
	●	●	●		●
	●	●	●	REAR	●
	●	●	●		●
●	●	●	●	●	●
	●			REAR	●
	●				●
●	●			●	
	●			●	●
●	●			●	
	●	●	●		
●				●	
	●	●	●		●
TO 10W10D**	TO 10W10D**			TO 10W10D	TO 14W10D
TO 24W20D	TO 24W20D	7 SERIES TO 30W20D		TO 30W24D	TO 24W24D
●	●	●	●	●	●

Although *Comfort Company* cushions can address most postural abnormalities, these are our top picks. If you are unsure which cushion to choose, the BEST BANG FOR THE BUCK cushions that we recommend are the Adjuster® and Vector®.

KEY FOR CUSHION COMPARISON CHART

*See page 3 for Cushion Comparison Chart

WOUNDS ADDRESSED	Ischial:	Redistribute pressure from ITs to gluteus and femurs. Look for offloading and/or immersion style cushions.
	Trochanter:	Look for an immersion style cushion; stay away from cushions with aggressive tapered adductors that would load the trochanters.
	Sacral/Coccygeal:	Redistribute pressure away from sacrum/coccyx to gluteus and femurs. Look for an immersion style cushion or combination of immersion/offloading cushion for pressure redistribution.
TYPE OF PRESSURE REDISTRIBUTION	Immersion	The principle of conforming to the person's curvature by "sinking the body in", taking its shape and alleviating the bony prominences from unwanted peak pressure to maximize pressure redistribution.
	Offloading	The principle of taking pressure off of a small surface area and loading it onto a greater surface area that can withstand more pressure to prevent unwanted skin breakdown.
CONTOURS FOR MAXIMUM OFFLOADING CAPABILITIES	A Deep Posterior Pelvic Well:	Allows for alleviating the pressure from ITs when combined with tapered adductors. Offloads and suspends the ITs, sacrum and coccyx and loads the femurs instead.
	Lateral Tapered Adductors:	Load the trochanters to alleviate the pressure from the ITs. Align the LEs and prevent abduction and external rotation for optimal femoral loading.
	Medial Abductors:	Align the LEs and prevent adduction and internal rotation for optimal femoral loading.
ADJUSTABILITY		Ability to have separate chambers adjusted through the addition or removal of air cells to customize a cushion to the resident's individual shape and address specific postural abnormalities.
SHAPE	Zero Elevation:	The top surface of the cushion is predominately flat directly out of the box. Allows for freedom of movement of the user. This shape is adjustable in Vicair® cushions.
	Pre-Contoured:	The cushion will have built-in positioning features directly out of the box. This may range from mild to aggressive contouring and is adjustable in Vicair® cushions.

WOUND ASSESSMENT GUIDELINES

"A pressure injury is localized damage to the skin and/or underlying soft tissue usually over a bony prominence or related to a medical or other device. The injury occurs as a result of intense and/or [prolonged pressure](#) or pressure in combination with [shear](#). The tolerance of soft tissue for [pressure and shear may also be affected by microclimate](#), nutrition, perfusion, comorbidities and condition of the soft tissue"

*Pressure injury. Prevention & Treatment of Pressure Ulcers: Clinical Practice Guideline. Washington D.C.: National Pressure Ulcer Advisory Panel. April 2016 Update.

Stage I: Intact skin with a localized area of non-blanchable superficial reddening of the skin. Presence of blanchable redness or changes in sensation, temperature, or firmness may precede visual changes.

Stage II: Partial-thickness skin loss or blister. The wound bed is viable, pink or red, moist. These injuries commonly result from adverse microclimate and shear in the skin over the pelvis and shear in the heel.

Stage III: Full thickness skin loss, in which adipose (fat) is visible in the ulcer and granulation tissue and rolled wound edges are often present. Slough and/or eschar may be visible. Undermining and tunneling may occur.

Stage IV: Full-thickness skin and tissue loss with exposed or directly palpable fascia, muscle, tendon, ligament, cartilage or bone in the ulcer. Slough and/or eschar may be visible. Rolled edges, undermining and/or tunneling often occur.

Unstageable: Full-thickness skin and tissue loss in which the extent of tissue damage within the ulcer cannot be confirmed because it is obscured by slough or eschar. If slough or eschar is removed, a Stage III or IV pressure injury will be revealed.

Deep Tissue Pressure Injury (DTI): Intact or non-intact skin with localized area of persistent non-blanchable deep red, maroon, purple discoloration or epidermal separation revealing a dark wound bed or blood filled blister. This injury results from intense and/or prolonged pressure and shear forces at the bone-muscle interface.

GLIDE

STANDARD



PRODUCT FEATURES

- Mildly contoured adductors, abductor, and anti-thrust shelf promote postural alignment.
- Comes standard with GlideWear® that transfers shear forces normally applied to the resident's tissue, to the 2-ply fabric strategically placed under the bony prominences.
- GlideWear® and contoured shape promote optimal pressure redistribution to decrease wound risk and for up to Stage II breakdown.

ABOUT GLIDEWEAR®

GlideWear® is designed to promote healing and reduce the risk of pressure injury through the use of the Shear Reduction Zone™.

See page 35 for more information.

GLIDE
WEAR®

WEIGHT CAPACITY

16" Wide	250 lbs
18" Wide	300 lbs
20" Wide	350 lbs

DIMENSIONS

Seat Thickness	3"
----------------	----

STANDARD SIZES

	16" W	18" W	20" W
16" D	16 x 16	18 x 16	
18" D	16 x 18	18 x 18	20 x 18
20" D			20 x 20

GLIDE PART NUMBER

Comfort-Tek™ With GlideWear®

GL-GW-**WWDD**

WWDD to be replaced / **WW** = width & **DD** = depth in inches

ELEMENTS® WITH GEL

STANDARD

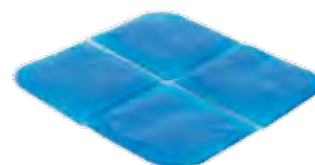


PRODUCT FEATURES

- Four compartment recessed gel insert is designed to prevent gel migration and redistribute pressure to provide comfort.
- Non-skid flat bottom fabric with hook and loop attachments.
- Single layer foam provides comfort.

GEL INSERT

Individualized sections prevent gel migration and redistribute pressure for comfort.



WEIGHT CAPACITY

16" Wide	250 lbs
18" Wide	300 lbs
20" Wide	350 lbs
22" Wide & Wider	400 lbs

STANDARD SIZES

Additional Sizes Available

	16" W	18" W	20" W	22" W	24" W
16" D	16 x 16	18 x 16	20 x 16	22 x 16	24 x 16
18" D	16 x 18	18 x 18	20 x 18	22 x 18	24 x 18
20" D	16 x 20	18 x 20	20 x 20	22 x 20	24 x 20

ELEMENTS WITH GEL PART NUMBERS

Seat Thickness	Stretch-Air™	Comfort-Tek™
2" Seat Thickness	46GS- WWDD -B	46G- WWDD -B
3" Seat Thickness	463GS- WWDD -B	463G- WWDD -B

WWDD to be replaced / **WW** = width & **DD** = depth in inches

SUPPORT PRO

STANDARD

ZERO ELEVATION



WEDGE



ANTI-THRUST



PRODUCT FEATURES

- Non-contoured seat surface allows for ease of transfers.
- Coccyx cutout to float coccyx for pressure relief.
- Foam base provides stability, increases comfort & reduces peak pressures off ITs, sacrum & coccyx.
- Gel option available.
- Recessed gel pack helps to redistribute pressure off ITs and regulate body temperature and control microclimate.
- Comfort-Tek™ cover & Kwik Strap® attachment.
- Bariatric sizes available - Support Pro 7 Series.

ZERO ELEVATION

The Support Pro Zero Elevation has no surface contouring or positioning features.

ANTI-THRUST

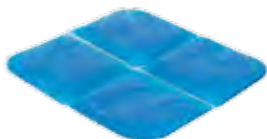
The Support Pro Anti-Thrust provides anterior buildup to reduce forward ischial migration.

WEDGE

The Support Pro Wedge controls forward leaning by adding slight anterior height.

GEL INSERT

Individualized sections prevent gel migration and redistribute pressure for comfort.



STANDARD SIZES

	16" W	18" W	20" W	22" W
16" D	16 x 16	18 x 16		
18" D	16 x 18	18 x 18	20 x 18	22 x 18

WEIGHT CAPACITY

16" Wide	250 lbs
18" Wide	300 lbs
20" Wide	350 lbs
22" Wide	400 lbs

ZERO ELEVATION PART NUMBERS

W x D	Standard	W/Gel	W/Abductor	W/Abductor & Gel
16" x 16"	52A	52GA	52PA	52PGA
16" x 18"	52A18	52GA18	52PA18	52PGA18
18" x 16"	52B16	52GB16	52PB16	52PGB16
18" x 18"	52B	52GB	52PB	52PGB
20" x 18"	52C	52GC	52PC	52PGC
22" x 18"	52D	52GD	52PD	52PGD

ANTI-THRUST PART NUMBERS

W x D	Standard	W/Gel	W/Abductor	W/Abductor & Gel
16" x 16"	57A	57GA	57PA	57PGA
16" x 18"	57A18	57GA18	57PA18	57PGA18
18" x 16"	57B16	57GB16	57PB16	57PGB16
18" x 18"	57B	57GB	57PB	57PGB
20" x 18"	57C	57GC	57PC	57PGC
22" x 18"	57D	57GD	57PD	57PGD

WEDGE PART NUMBERS

W x D	Standard	W/Gel	W/Abductor	W/Abductor & Gel
16" x 16"	55A	55GA	55PA	55PGA
16" x 18"	55A18	55GA18	55PA18	55PGA18
18" x 16"	55B16	55GB16	55PB16	55PGB16
18" x 18"	55B	55GB	55PB	55PGB
20" x 18"	55C	55GC	55PC	55PGC
22" x 18"	55D	55GD	55PD	55PGD

LIBERTY® X

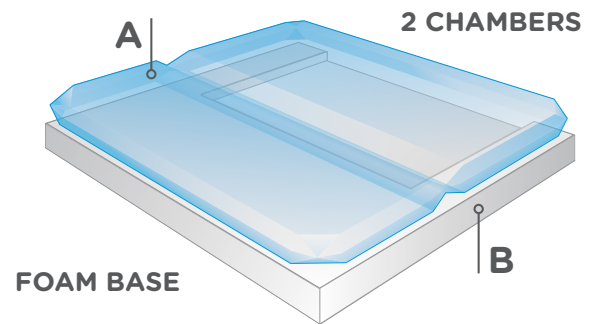
SKIN PROTECTION

GLIDE
WEAR.

Available with GlideWear® Technology. See pg. 35 for details.



*Shown with
GlideWear®



PRODUCT FEATURES

- Immersion style cushion.
 - Immerses and envelops the pelvis to take on the resident's individual shape, reducing peak pressures from bony areas such as coccyx, ITs, and sacrum.
 - Air cells coated in gel provide a soft feel for the user.
 - Low profile air valve automatically releases and equalizes air pressure for optimal shape capture.
 - Low maintenance, lightweight and easy to use cushion. Non-skid bottom with hook and loop attachment.
- A. Two chambers keep the air cells separated for optimal pressure distribution
- B. Foam base with pelvic well creates a mild anti-thrust which provides increased pelvic stability through femoral and trochanter support.

DIMENSIONS

Seat Thickness 4"

WEIGHT CAPACITY

All Sizes 330 lbs

STANDARD SIZES

	16" W	17" W	18" W	20" W
16" D	16 x 16		18 x 16	
17" D		17 x 17		
18" D	16 x 18		18 x 18	20 x 18
20" D			18 x 20	20 x 20

*Liberty® X is not recommended for use in altitudes above 3000 ft.

LIBERTY® PART NUMBERS

Cover Style	Stretch-Air™	Comfort-Tek™
Standard	LBX-S- WWDD	LBX-F- WWDD
+ GlideWear®	LBX-SQ- WWDD	LBX-FQ- WWDD

WWDD to be replaced / **WW** = width & **DD** = depth in inches

Kwik Strap® webbing and buckle attachment can be selected by adding (KWIK-STRAP) to the cushion part number

ADJUSTER®

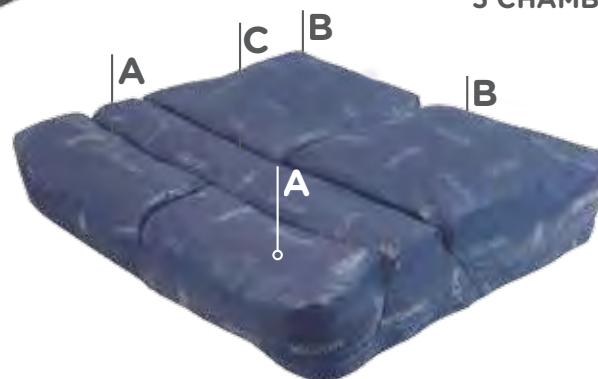
SKIN PROTECTION



Read more about Vicair® Technology on pg. 36.



5 CHAMBERS



PRODUCT FEATURES

- Immersion style air cushion to allow deep immersion of bony prominences for pressure relief.
- Low maintenance; Ready to use out of the box.
- A. Front leg chambers can accommodate for seat-to-floor height or leg length discrepancy.
- B. Rear chambers allow for deep immersion of bony prominences to relieve peak pressures on the ITs, sacrum and coccyx.
- B. Rear chambers can have cells added or removed to accommodate for pelvic obliquities.
- C. Medial band can act as an anti-thrust to reduce forward migration of the pelvis, decreasing peak pressures from the ITs, sacrum and coccyx.

DIMENSIONS	Standard	Low	WEIGHT CAPACITY
Seat Thickness	4"	3"	All Sizes 550 lbs

STANDARD SIZES

Additional Sizes Available

	10" W	12" W	14" W	16" W	18" W	20" W	22" W	24" W
10" D	10 x 10	12 x 10	14 x 10					
12" D	10 x 12	12 x 12	14 x 12					
14" D	10 x 14	12 x 14	14 x 14	16 x 14				
16" D		12 x 16	14 x 16	16 x 16	18 x 16	20 x 16	22 x 16	24 x 16
18" D			14 x 18	16 x 18	18 x 18	20 x 18	22 x 18	24 x 18
20" D				16 x 20	18 x 20	20 x 20	22 x 20	24 x 20

ADJUSTER® LOW SIZES

	16" W	18" W	20" W
16" D	16 x 16	18 x 16	20 x 16
18" D	16 x 18	18 x 18	20 x 18
20" D	16 x 20	18 x 20	20 x 20

Kwik Strap® webbing and buckle attachment can be selected by adding (KWIK-STRAP) to the cushion part number

ADJUSTER® PART NUMBERS

Cushion Style	Thickness	Stretch-Air™	Comfort-Tek™
Standard	4"	AJ-S- WWDD	AJ-F- WWDD
Adjuster® Low	3"	AJ-SL- WWDD	AJ-FL- WWDD

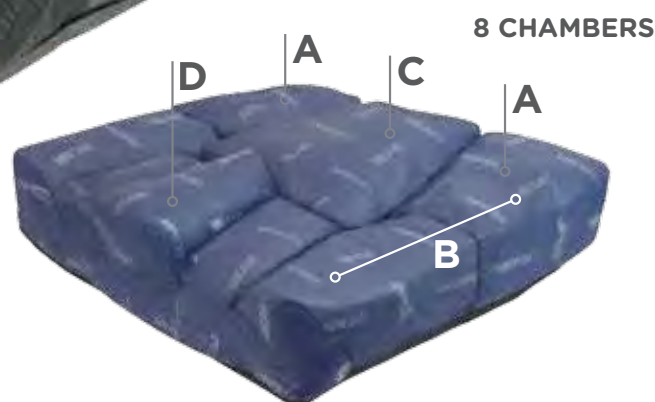
WWDD to be replaced / **WW** = width & **DD** = depth in inches

VECTOR®

SKIN PROTECTION/ SKIN PROTECTION & POSITIONING



Read more about Vicair® Technology on pg. 36.



PRODUCT FEATURES

- Immersion style air cushion to allow deep immersion of bony prominences for pressure relief.
- Low maintenance; Ready to use out of the box.
- A. Rear lateral chambers act as tapered adductors, loading the trochanters which takes pressure off the ITs.
- B. Lateral chambers act as adductors, promoting LE alignment by minimizing abduction.
- C. Rear middle chamber minimizes pressure in the coccygeal/ischial zone.
- D. Medial abductor minimizes LE adduction, keeping knees apart for LE alignment.

DIMENSIONS	Standard	Low
Seat Thickness	4.5"	3"

WEIGHT CAPACITY
All Sizes 550 lbs

STANDARD SIZES

	10" W	12" W	14" W	16" W	18" W	20" W	22" W	24" W
10" D	10 x 10	12 x 10	14 x 10					
12" D	10 x 12	12 x 12	14 x 12					
14" D	10 x 14	12 x 14	14 x 14	16 x 14				
16" D		12 x 16	14 x 16	16 x 16	18 x 16	20 x 16	22 x 16	24 x 16
18" D			14 x 18	16 x 18	18 x 18	20 x 18	22 x 18	24 x 18
20" D				16 x 20	18 x 20	20 x 20	22 x 20	24 x 20

Additional Sizes Available

VECTOR® LOW SIZES

	16" W	18" W	20" W
16" D	16 x 16	18 x 16	20 x 16
18" D	16 x 18	18 x 18	20 x 18
20" D	16 x 20	18 x 20	20 x 20

Kwik Strap® webbing and buckle attachment can be selected by adding (KWI-K-STRAP) to the cushion part number

VECTOR® PART NUMBERS

Cushion Style	Thickness	Stretch-Air™	Comfort-Tek™
Vector®	4.5"	VT-S- WWDD	VT-F- WWDD
Vector® Low	3"	VT-SL- WWDD	VT-FL- WWDD

WWDD to be replaced / **WW** = width & **DD** = depth in inches

SADDLE

SKIN PROTECTION & POSITIONING

ZERO ELEVATION



ANTI-THRUST



WEDGE



PRODUCT FEATURES

- Highly contoured cushion to lock in LEs and pelvis for added stability.
- Medial abductor and lateral adductors promote neutral LE alignment.
- Coccyx cutout to float coccyx for pressure relief.
- Gel option available.
- Recessed gel pack helps to redistribute pressure off ITs and regulate body temperature and control microclimate.
- Comfort-Tek™ cover & Kwik Strap® attachment.
- Bariatric sizes available - Saddle 7 Series.

ZERO ELEVATION

The Saddle Zero Elevation allows for greater freedom of movement for standard positioning issues.

ANTI-THRUST

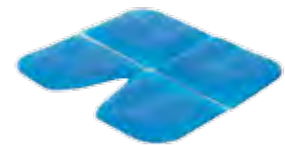
The Saddle Anti-Thrust provides anterior buildup to reduce forward ischial migration.

WEDGE

The Saddle Wedge controls forward leaning by adding slight anterior height.

GEL INSERT

Individualized sections prevent gel migration and redistribute pressure for comfort.



WEIGHT CAPACITY

16" Wide	250 lbs
18" Wide	300 lbs
20" Wide	350 lbs
22" Wide & Wider	400 lbs

STANDARD SIZES

	16" W	18" W	20" W	22" W	24" W
16" D	16 x 16	18 x 16	20 x 16		
18" D	16 x 18	18 x 18	20 x 18	22 x 18	24 x 18
20" D		18 x 20			

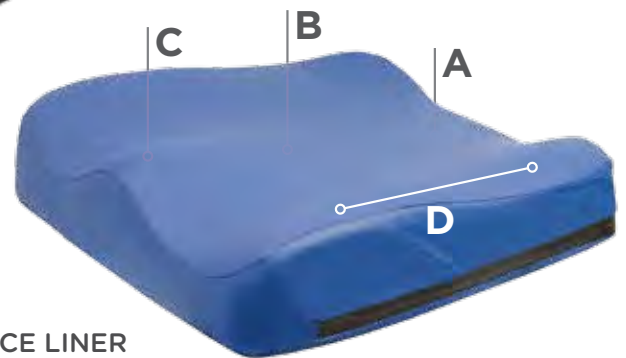
SADDLE PART NUMBERS

Cushion Style	Standard	W/Gel Insert
Zero Elevation	52SWWDD	52SGWWDD
Anti-Thrust	57SWWDD	57SGWWDD
Wedge	55SWWDD	55SGWWDD

WWDD to be replaced / **WW** = width & **DD** = depth in inches

SHIELD

SKIN PROTECTION & POSITIONING



INCONTINENCE LINER

PRODUCT FEATURES

- Offloading foam cushion.
 - Comes standard with GlideWear® that transfers shear forces normally applied to the resident's tissue, to the 2-ply fabric strategically placed under the bony prominences.
 - Incontinence liner and GlideWear® work together for microclimate control.
 - Memory foam topper to increase comfort and maximize skin protection while still providing stability.
 - Coccyx cutout to float coccyx for pressure relief.
 - Comfort-Tek™ cover & Kwik Strap® attachment.
- A. Deep posterior well combined with the tapered adductors alleviate pressure from the ITs.
- B. Anti-thrust minimizes forward migration of the ITs.
- C. Medial abductor prevents LE adduction and keep the knees apart.
- D. Tapered adductors promote LE neutral alignment and offload the ITs by loading the trochanters.

ABOUT GLIDEWEAR®

GlideWear® is designed to promote healing and reduce the risk of pressure injury through the use of the Shear Reduction Zone.

See page 35 for more information.

GLIDE
WEAR®

WEIGHT CAPACITY

16" Wide	250 lbs
18" Wide	300 lbs
20" Wide	350 lbs
22" Wide & Wider	400 lbs

STANDARD SIZES

	16" W	18" W	20" W	22" W	24" W
16" D	16 x 16	18 x 16			
18" D	16 x 18	18 x 18	20 x 18	22 x 18	24 x 18
20" D					24 x 20

SHIELD PART NUMBER

Comfort-Tek™ With GlideWear®

SHLD-FQA-**WWDD**

WWDD to be replaced / **WW** = width & **DD** = depth in inches

ADJUSTER® X

SKIN PROTECTION & POSITIONING



Read more about Vicair® Technology on pg. 36.

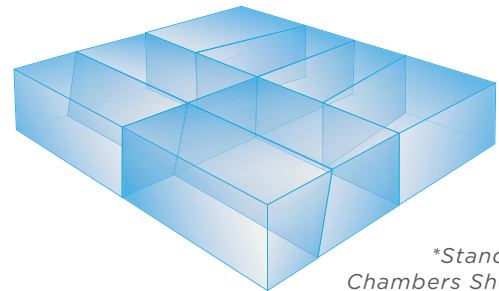
Available with GlideWear®. See pg. 35 for details.



*Shown with GlideWear®



8 CHAMBERS



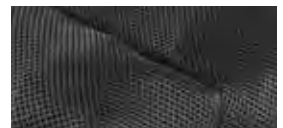
*Standard Chambers Shown

PRODUCT FEATURES

- Immersion and offloading style air cushion.
- Air cells inside of a 3D mesh liner shift and conform to the resident's unique shape for pressure redistribution while remaining stable.
- 3D Mesh liner promotes airflow and microclimate control for skin protection.
- Low maintenance; Ready to use out of the box.
- The four rear chambers work together to offload or float the ITs for optimal pressure redistribution.
- Separate coccygeal insert helps to increase pelvic stability and achieve additional offloading of coccyx and ITs.
- Rear lateral chambers adjust to accommodate for pelvic obliquity and pelvic rotation. Front leg chambers can accommodate for seat-to-floor height or leg length discrepancy.

3D MESH LINER

The 3D mesh liner and Comfort Cells™ on X-Series cushions can be washed as an assembled unit.



WEIGHT CAPACITY

20" Wide & Under	550 lbs
22" Wide & Wider	750 lbs

DIMENSIONS

Seat Thickness	4.5"
----------------	------

STANDARD SIZES

Additional Sizes Available

	10" W	12" W	14" W	16" W	18" W	20" W	22" W	24" W	26" W	28" W	30" W
10" D	10 x 10	12 x 10	14 x 10								
12" D	10 x 12	12 x 12	14 x 12	16 x 12							
14" D	10 x 14	12 x 14	14 x 14	16 x 14	18 x 14						
16" D	10 x 16	12 x 16	14 x 16	16 x 16	18 x 16	20 x 16	22 x 16	24 x 16			
18" D		12 x 18	14 x 18	16 x 18	18 x 18	20 x 18	22 x 18	24 x 18	26 x 18	28 x 18	30 x 18
20" D			14 x 20	16 x 20	18 x 20	20 x 20	22 x 20	24 x 20	26 x 20	28 x 20	30 x 20
22" D				16 x 22	18 x 22	20 x 22	22 x 22	24 x 22	26 x 22	28 x 22	30 x 22
24" D					18 x 24	20 x 24	22 x 24	24 x 24	26 x 24	28 x 24	30 x 24

ADJUSTER® X PART NUMBERS

Cover Style	Stretch-Air™	Comfort-Tek™
Standard	AJX-S- WWDD	AJX-F- WWDD
+ GlideWear®	AJX-SQ- WWDD	AJX-FQ- WWDD

Kwik Strap® webbing and buckle attachment can be selected by adding (KWIK-STRAP) to the cushion part number

WWDD to be replaced / **WW** = width & **DD** = depth in inches

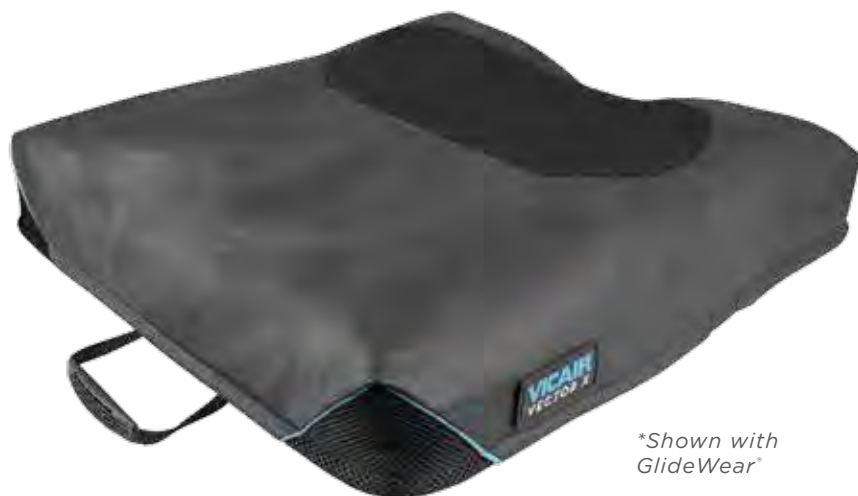
VECTOR® X

SKIN PROTECTION & POSITIONING



Read more about Vicair® Technology on pg. 36.

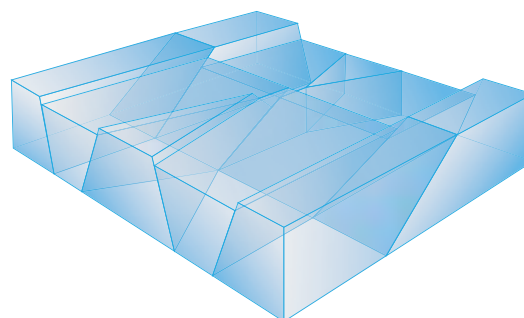
Available with GlideWear®. See pg. 35 for details.



*Shown with GlideWear®



10 CHAMBERS



PRODUCT FEATURES

- Immersion and offloading style air cushion.
- Air cells inside of a 3D mesh liner shift and conform to the resident's unique shape while remaining stable.
- 3D Mesh liner promotes airflow and microclimate control for skin protection.
- Low maintenance; Ready to use out of the box.
- Raised tapered lateral adductors load the trochanters, take pressure off ITs, decrease LE abduction to promote neutral alignment.
- Posterior pelvic well combined with tapered adductors allow for floating of the ITs.
- Coccyx chamber provides coccygeal relief.
- Medial abductor reduces LE adduction, keeping knees apart for LE alignment.
- Separate coccygeal insert helps to increase pelvic stability and achieve additional offloading of coccyx and ITs.

Kwik Strap® webbing and buckle attachment can be selected by adding (KWIK-STRAP) to the cushion part number

3D MESH LINER

The 3D mesh liner and Comfort Cells™ on X-Series cushions can be washed as an assembled unit.



WEIGHT CAPACITY

All Sizes 550 lbs

DIMENSIONS

Seat Thickness 4.5"

STANDARD SIZES

Additional Sizes Available

	14" W	16" W	18" W	20" W	22" W	24" W
10" D	14 x 10					
12" D	14 x 12	16 x 12				
14" D	14 x 14	16 x 14	18 x 14			
16" D	14 x 16	16 x 16	18 x 16	20 x 16	22 x 16	24 x 16
18" D	14 x 18	16 x 18	18 x 18	20 x 18	22 x 18	24 x 18
20" D	14 x 20	16 x 20	18 x 20	20 x 20	22 x 20	24 x 20
22" D		16 x 22	18 x 22	20 x 22	22 x 22	24 x 22
24" D			18 x 24	20 x 24	22 x 24	24 x 24

VECTOR® X PART NUMBERS

Cover Style	Stretch-Air™	Comfort-Tek™
Standard	VTX-S- WWDD	VTX-F- WWDD
+ GlideWear®	VTX-SQ- WWDD	VTX-FQ- WWDD

WWDD to be replaced / **WW** = width & **DD** = depth in inches

INCONTINENT PROOF LINER



PRODUCT FEATURES

- Provides extra incontinence protection at seat surface to fight microclimate.
- The liner may be used as an extra cover when the outer cover is being washed.
- Cushion style and size must be specified at time of order.

INCONTINENCE LINER PART NUMBERS

BINC-**WWDD**-CV

WWDD to be replaced / **WW** = width & **DD** = depth in inches

RIGID INSERT SMART SEAT



PRODUCT FEATURES

- Decreases the “hammock” effect in outstretched wheelchair upholstery and provides extra support for heavier residents.
- Designed to fit inside all Comfort Company cushion covers.
- Comes in 3/16” thickness.

RIGID INSERT PART NUMBERS

RID**WWDD**

WWDD to be replaced / **WW** = width & **DD** = depth in inches

Sizes Available: 10”W x 10”D - 28”W x 22”D



PRODUCT FEATURES

- Lowers seat-to-floor height for foot propellers.
- Easy to install; no tools required.
- Tilts forward 3” and back 3”.

WEIGHT CAPACITY

All Sizes 300 lbs

SMART SEAT PART NUMBERS

WC Size	7/8” Tubing	1” Tubing
16”	78AA	781AA
18”	78A	781A
20”	78B	781B

BACK SUPPORT SELECTION DECISION TREE



BACK SUPPORT COMPARISON CHART

*See page 18 for Key to Comparison Chart

WOUNDS ADDRESSED	Up to Stage I
	Stage II - IV
POSTURAL ABNORMALITIES ADDRESSED	Kyphosis
	Lumbar Lordosis
	Scoliosis
	Spinal Rotation
ABLE TO ADD MOUNTED LATERAL SUPPORTS:	
LATERAL SUPPORTS	Light leaners - foam laterals sufficient for midline posture
	Moderate leaners - may benefit from mounted lateral trunk supports
	Moderate to heavy leaners - require mounted lateral trunk supports
ABLE TO ADD HEAD SUPPORT:	
HEAD CONTROL	Good control, head position does not affect trunk posture & visa versa
	Head position may affect trunk posture and require a head support
	Head position affects trunk posture and requires a head support
METHOD TO CONTOUR TO SPINE	Tension adjustable straps
	Moldable stays
	Visco foam surface layer
	Boa® closure system
ABILITY TO WITHSTAND PRESSURE & ACTIVITY LEVEL	Contour method withstands light pressure
	Contours method withstands moderate pressure
	Contours method withstands heavy pressure
TYPE OF INSTALLATION	Installs over wheelchair canes
	Requires hardware to attach to canes
ADJUST SEAT-TO-BACK ANGLE:	
DEPTH & HEIGHT ADJUSTABLE:	
RESIDENT PAIN	Any complaint of pain
REPOSITION SELF IN CHAIR	Independent to minimal assistance
	Minimal to moderate assistance
	Maximum to dependent assistance
ASSISTANCE REQUIRED TO SIT UP UNSUPPORTED	Independent to minimal assistance
	Minimal to moderate assistance
	Maximum to dependent assistance

STANDARD SUPPORT		MODERATE SUPPORT	MAXIMUM SUPPORT
ELEMENTS® BACK	INCREDIBACK® MOLDABLE	VISCO® BACK	ACTA-RELIEF™
			
Page 19	Page 20	Page 21	Page 22 - 23
●	●	●	●
		●	●
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KEY FOR BACK SUPPORT COMPARISON CHART

*See page 16 for Back Support Comparison Chart

METHOD TO CONTOUR TO SPINE	Tension Adjustable Straps:	Velcro straps are adjusted to conform to the curvature of the resident's spine.
	Moldable Stays:	Aluminum stays are molded to match the curvature of a resident's spine.
	Visco Foam Surface Layer:	Visco elastic foam allows for immersion and envelopment of the spine to capture the abnormal curvature, minimizing peak pressures.
	Boa® Closure System:	Tension adjustable cables allow for even pressure redistribution with the turn of a dial. Allows for maximum immersion and envelopment of the spine to capture the abnormal curvature, minimizing peak pressures.
LATERALS	Foam:	Placed over the existing upholstery on any model wheelchair or recliner, to withstand pressure of a light lateral leaner to promote a midline, upright posture.
	Mounted Lateral Supports:	Bolted to a moderate or maximum back support to withstand pressure of a moderate to heavy lateral leaner to promote a midline, upright posture.
ABILITY TO WITHSTAND PRESSURE	Refers to the durability of the back support with extended use.	
SEAT-TO-BACK ANGLE	Refers to the angle between the seat surface and back support to find a resident's optimal position in space for maximum stability.	
ASSISTANCE REQUIRED TO SIT UP UNSUPPORTED	Refers to the resident's trunk balance and strength and the support required to promote optimal midline, upright posture.	
POSTURAL ABNORMALITIES ADDRESSED	Refers to the abnormal curvatures of the spine that a back support is able to capture through contouring and envelopment.	

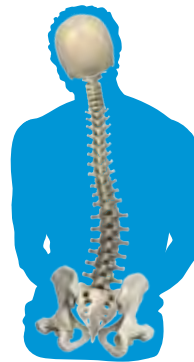
Kyphosis:



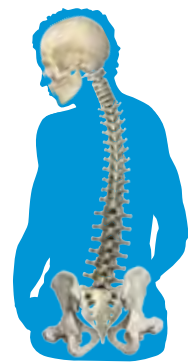
Lumbar Lordosis:



Scoliosis:



Spinal Rotation:



THE BOA® ADVANTAGE



MICRO-ADJUSTABLE

Each click of the Boa® reel offers one millimeter of precision fit adjustment.

SECURE

Once the Boa® reel is locked into place, it stays that way.

CUSTOMIZABLE FIT

Boa® delivers smooth, even adjustment with no pressure points for maximum comfort.

CONVENIENT

The Boa® closure system offers an adjustment solution free of messy straps, ratchets, and fasteners.



*See page 22 - 23 for Acta-Relief™ Back Support

ELEMENTS® BACK

STANDARD SUPPORT



Front View



Adjustable Tension Strapping System

PRODUCT FEATURES

- Back installs over current wheelchair canes, replacing the existing sling back.
- Velcro tension strapping system can accommodate for kyphosis and provide lumbar support.
- Using hook and loop attachment, the back tension is easily adjustable to conform to the resident's shape.

COLLAPSIBLE BACK FOR FOLDING WHEELCHAIRS

Installation is made easy with the strapping system.

The Elements® Back design allows the entire back support to fold with the wheelchair for easy transportation and storage.



WEIGHT CAPACITY

15" - 21"	250 lbs
22" - 25"	300 lbs

ELEMENTS® BACK PART NUMBERS

WC Widths	Part Numbers
15" - 21"	ELB-BS1521W16L
22" - 25"	ELB-BS2225W16L

COVER OPTIONS *See page 34 for details.*

Comfort-Tek™ (*COMFORT-TEK*) or Stretch-Air™ (*STRETCH-AIR*)

Cover option can be selected by adding the (part number) to the base back support number

INCREDIBACK®

STANDARD SUPPORT

INCREDIBACK® MOLDABLE



INCREDIBACK® DEEP



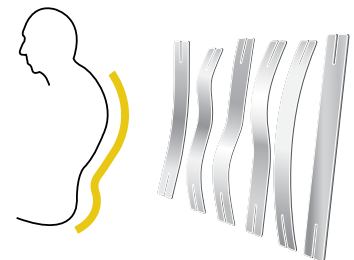
PRODUCT FEATURES

- Replaces existing back.
- Has moldable aluminum stays that can conform to curvature of resident's spine.
- Recline up to 30° (must use anti-tippers when reclined)
- Available in Standard and Deep.
- Incrediback Deep - Wide, moldable lateral wings to minimize lateral leaning.

MOLDABLE STAYS

Moldable stays are designed to support spinal curvature including: kyphosis or lumbar lordosis. Stays are located behind the foam surface.

U.S. Patent No. 6,733,074



WEIGHT CAPACITY

All Sizes* 450 lbs

**Wheelchair must have anti-tip bars.*

STANDARD SIZES

	15" W	17" W	19" W	21" W
21" L	15 x 21	17 x 21	19 x 21	21 x 21
24" L	15 x 24	17 x 24	19 x 24	21 x 24
34" L	15 x 34	17 x 34	19 x 34	21 x 34

STANDARD MOLDABLE INCREDIBACK®

W x H	WC Size	Standard Part Number	Deep Part Number
15" x 21"	16"	410A	414A
17" x 21"	18"	410B	414B
19" x 21"	20"	410C	414C
21" x 21"	22"	410D	414D

FOLDABLE BACK FOR COLLAPSIBLE WHEELCHAIRS



Installation is made easy with a durable strapping system.

The Incrediback® folds with the chair for easy storage and transportation.

GROMMET STRAP - INCREDIBACK® ACCESSORY

Product	Part Number
Replacement Grommet Strap	20117

VISCO BACK®

MODERATE SUPPORT



PRODUCT FEATURES

- Visco elastic foam allows for immersion and envelopment of the spine, minimizing peak pressures.
- Durable aluminum shell withstands long term sitting.
- Compass® 4 Hardware allows for back support height, angle, and depth adjustment without transferring the resident.
- BodiLink™ Head Support is easily mounted for optimal head positioning. (Pages 24 - 25)
- Mounted lateral supports can be added for optimal trunk support. (Page 27)

STANDARD SIZES

	16" W	18" W	20" W	22" W	24" W
22" L	16 x 22	18 x 22	20 x 22	22 x 22	24 x 22
20" L	16 x 20	18 x 20	20 x 20	22 x 20	24 x 20
18" L	16 x 18	18 x 18	20 x 18	22 x 18	24 x 18
16" L	16 x 16	18 x 16	20 x 16	22 x 16	
14" L	16 x 14	18 x 14	20 x 14		

*Length (L) refers to the actual size dimension from bottom to top edge.

VISCO BACK® PART NUMBERS

VB-BSXXWYYL

XX & YY to be replaced / XX = width & YY = length in inches

Hardware and cover options can be selected by adding the (part number) to the base back support number

COVER OPTIONS *See page 34 for details.*

Comfort-Tek™ (COMFORT-TEK) or Stretch-Air™ (STRETCH-AIR)

WEIGHT CAPACITY

16" - 18" Wide	250 lbs
20" Wide	300 lbs
22" Wide	350 lbs
24" Wide	400 lbs

VISCO BACK® HARDWARE OPTIONS

Compass® 4 Quick Release 2 Point (Q-COMPASS)

Compass® 4 Quick Release 4 Point (Q-COMPASS4)

*16" W - 22" W back supports require 2 Point Hardware

*24" W back supports require 4 Point Hardware

ACTA-RELIEF™



Featuring Boa® Technology.
See pg. 18 for details.



Front View



Shell View



With Head Support
Mounting Bracket

See page 25 for Acta-Relief™
head support options.

MAXIMUM SUPPORT

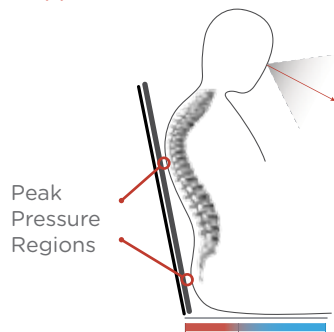
THE BOA® REEL

See page 18 for details.



PRESSURE REDISTRIBUTION PROPERTIES

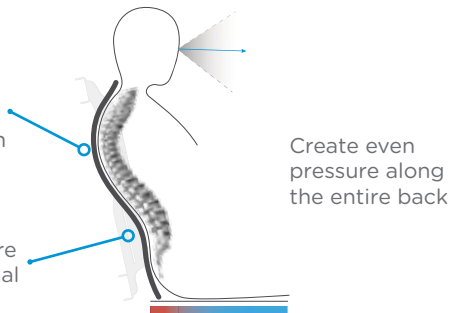
Traditional Back Support



Acta-Relief™ Back Support

Loosen Boa® Closure System to accommodate for deformities and allow for immersion through the shell

Tighten Boa® Closure System for additional support



PRODUCT FEATURES

- Open shell allows for deep immersion, enveloping the spine with any postural abnormality, increasing pressure redistribution and reducing peak pressures.
- By turning a dial, the Boa® reel and cable system provides optimal even pressure distribution, conforming to a resident's unique shape.
- Compass® 4 Hardware allows for back support height, angle, and depth adjustment without transferring the resident.
- BodiLink™ Head Support is easily mounted for optimal head positioning. (Pages 24 - 25)
- Mounted lateral supports can be added for optimal trunk support. (Page 27)

STANDARD SIZES

	14" W	16" W	18" W	20" W
22" L	14 x 22	16 x 22	18 x 22	20 x 22
20" L	14 x 20	16 x 20	18 x 20	20 x 20
18" L	14 x 18	16 x 18	18 x 18	20 x 18
16" L	14 x 16	16 x 16	18 x 16	20 x 16
14" L	14 x 14	16 x 14	18 x 14	20 x 14
12" L	14 x 12	16 x 12	18 x 12	20 x 12
10" L	14 x 10	16 x 10	18 x 10	20 x 10

WEIGHT CAPACITY

14" - 18" Wide	250 lbs
20" Wide	300 lbs

*10" L Acta-Relief requires 2 Point Hardware

*Length (L) refers to the actual size dimension from bottom to top edge.

ACTA-RELIEF™ PART NUMBERS

AR-BSXXWYYL

XX & YY to be replaced / XX = width & YY = length in inches

Hardware and cover options can be selected by adding the (part number) to the base back support number

COVER OPTIONS See page 34 for details.

Comfort-Tek™ (COMFORT-TEK) or Stretch-Air™ (STRETCH-AIR)

ACTA-RELIEF™ HARDWARE OPTIONS

Compass® 4 Quick Release 2 Point (Q-COMPASS)

Compass® 4 Fixed 2 Point (NQ-COMPASS)

Compass® 4 Quick Release 4 Point (Q-COMPASS4)

Compass® 4 Fixed 4 Point (NQ-COMPASS4)



BODILINK™ HEAD SUPPORT

GLIDE
WEAR.

Available with GlideWear®
Technology. See pg. 35 for details.



Front View

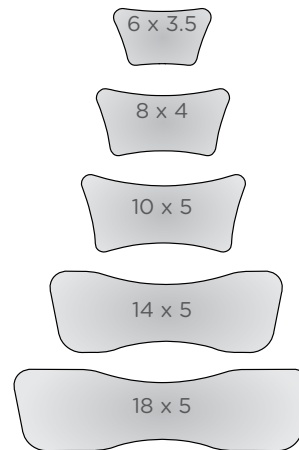
*14" W x 5" L Pad Style on
Visco Back® Pictured

HEAD SUPPORT

PRODUCT FEATURES

- Posterior head support which can accommodate lateral flexion and lateral with mild forward flexion.
- Pad shape promotes optimal visual field for participation in environment and attention to task.
- Pad shape is optimized for each size and comes in two different firmness levels.
- Hinged wings allow for lateral contouring and support on 10, 14, & 18W pads.
- Fully adjustable hardware allows the head support pad to be adjusted vertically, laterally, anterior/posteriorly to fit the resident's needs.
- Head support can be taken on and off without changing set up with multiple caregivers.
- GlideWear® cover option minimizes shear with unwanted head movement.

PAD SHAPES AND SIZES



Hinged wings allow for lateral contouring and support on 10, 14, & 18W pads.

Closed Wings



Open Wings

BODILINK™ HEAD SUPPORT HARDWARE FOR VISCO BACK®

Description	Part Number
Removable Head Support Hardware	BL-HSH-FX

BODILINK™ HEAD SUPPORT HARDWARE & MOUNTING BRACKET FOR ACTA-RELIEF™

Back Support Width	Description	Part Number
14" W	Head Support Hardware & Mounting Bracket	BL-HSH-FX-AR14W
16" W	Head Support Hardware & Mounting Bracket	BL-HSH-FX-AR16W
18" W	Head Support Hardware & Mounting Bracket	BL-HSH-FXAR18W
20" W	Head Support Hardware & Mounting Bracket	BL-HSH-FXAR20W

*Bracket is required to mount BodiLink™ Head Support to Acta-Relief™.

BODILINK™ HEAD SUPPORT PAD

Width x Length	Soft Foam	Extra Soft Foam
6" x 3.5"	BL-HSP1-6W3L	BL-HSP2-6W3L
8" x 4"	BL-HSP1-8W4L	BL-HSP2-8W4L
10" x 5"	BL-HSP1-10W5L	BL-HSP2-10W5L
14" x 5"	BL-HSP1-14W5L	BL-HSP2-14W5L
18" x 5"	BL-HSP1-18W5L	BL-HSP2-18W5L

*Length (L) refers to the actual size dimension from bottom to top edge.

COVER OPTIONS *See page 34 - 35 for details.*

Comfort-Tek™ ([COMFORT-TEK](#))

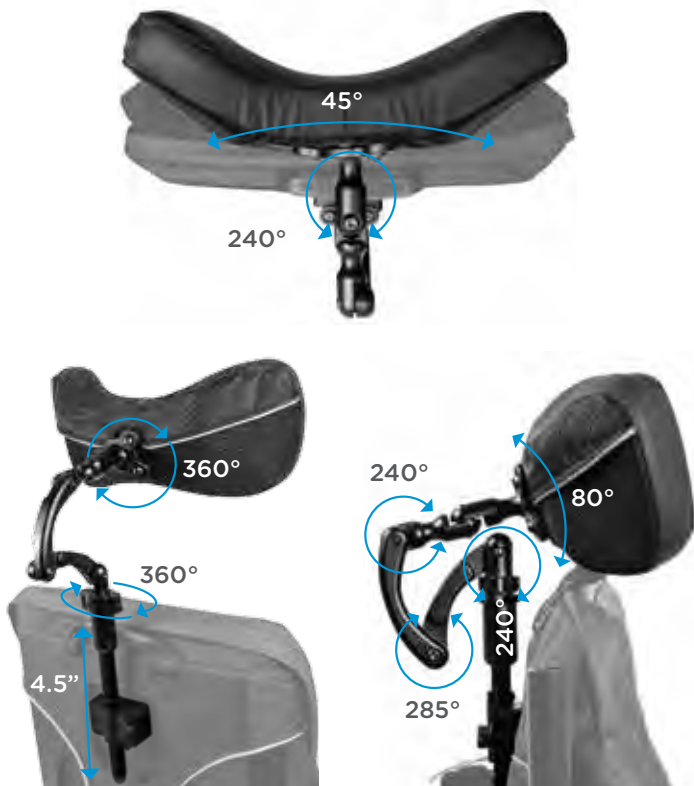
Stretch-Air™ ([STRETCH-AIR](#))

GlideWear® ([GLIDEWEAR](#))

Cover option can be selected by adding the (part number) to the pad part number

ADJUSTMENT RANGE

*14" W x 5" L Pad Style Pictured



ACCESSORIES AT A GLANCE

HEAD SUPPORT

BODILINK™ HEAD SUPPORT



Pages 24 - 25

TRUNK SUPPORT

LATERAL TRUNK SUPPORTS



Page 27

LATERAL SUPPORT ASSEMBLY



Page 28

TRUNK SUPPORT



Page 28

UPPER EXTREMITY SUPPORT

*COMFORT ARM®



Page 32

*LOW COMFORT ARM®



Page 32

TALL RAIL COMFORT ARM®



Page 33

MOLDED ARM



Page 33

LOWER EXTREMITY SUPPORT

SWING-AWAY *AMP



Page 29

CALF PROTECTOR



Page 30

EXTERNAL FIXATOR LEG REST



Page 29

MAXXCARE HEEL PRO EVOLUTION



Page 30

*SINGLE FOOT



Page 30

*COMPLETE FEET



Page 31

*Can be made to fit any custom dimension with an additional charge.

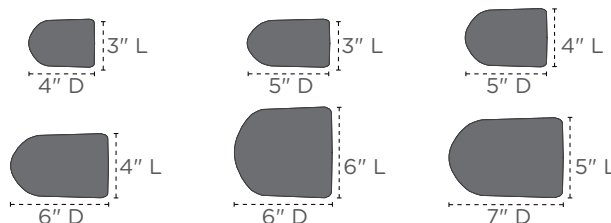
LATERAL TRUNK SUPPORTS

PRODUCT FEATURES

- Mount to back support shell.
- Height adjustable hardware allows individualized placement of the pad for optimal trunk stability.
- The hardware and pad provide support that can accommodate for heavy leaners.
- Multiple pad sizes allow the therapist to choose a pad size that promotes optimal pressure distribution without impeding function.
- Swing-Away hardware is designed for ease of transfers and features an easy to use push button release.
- Width adjustable hardware allows for optimal contact with various sized residents.

SUPPORT PAD DIMENSIONS

*Length (L) refers to the actual size dimension from bottom to top edge.



RIGID LATERAL TRUNK SUPPORT PAD - SINGLE

Depth x Length	Comfort-Tek™
4" x 3"	LT1-RF4W3T
5" x 3"	LT1-RF5W3T
5" x 4"	LT1-RF5W4T
6" x 4"	LT1-RF6W4T
6" x 6"	LT1-RF6W6T
7" x 5"	LT1-RF7W5T

MOLDABLE LATERAL TRUNK SUPPORT PAD - SINGLE

Depth x Length	Comfort-Tek™
4" x 3"	LT1-MF4W3T
5" x 3"	LT1-MF5W3T
5" x 4"	LT1-MF5W4T
6" x 4"	LT1-MF6W4T
6" x 6"	LT1-MF6W6T
7" x 5"	LT1-MF7W5T

SWING-AWAY LATERAL TRUNK SUPPORT HARDWARE FOR VISCO BACK® - SINGLE

Product Description	Side	Part Number
Swing-Away	Right	LTR-SF
Swing-Away	Left	LTL-SF
Additional Link 1"	Left or Right	LT1-LINK

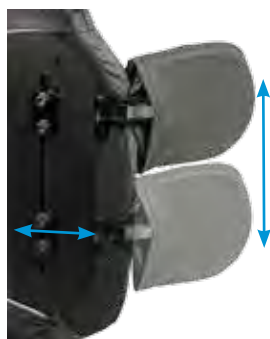
SWING-AWAY LATERAL TRUNK SUPPORT HARDWARE FOR ACTA-RELIEF™ - SINGLE

Product Description	Side	Part Number
Swing-Away	Right	LTR-SF-K
Swing-Away	Left	LTL-SF-K
Additional Link 1"	Left or Right	LT1-LINK



Height and Width Adjustable

Swing-Away



LATERAL SUPPORT ASSEMBLY



Adjustable Lateral Support

PRODUCT FEATURES

- Installs over existing back in a matter of seconds.
- Foam lateral supports can be adjusted left to right and up and down to provide mild support for lateral leaners.
- Can be used on all wheelchairs and recliners.
- Available in 6" or 4" deep pads.
- Fits wheelchairs 15"-22" wide or on a recliner, gerichair.



Adjustable lateral wings can be independently moved up and down, left and right with hook and loop attachment.

LATERAL SUPPORT ASSEMBLY PART NUMBERS

Depth	Part Number
4" Deep	7014
6" Deep	7010

TRUNK SUPPORT



Standard Support

Rigid Support

PRODUCT FEATURES

- Foam support used when resident is seated in a chair that is too wide and needs added trunk, hip and UE stability to maintain midline, upright posture.
- Can fit left or right side.
- Comes in standard and rigid.

INTERLOCK MOUNTING

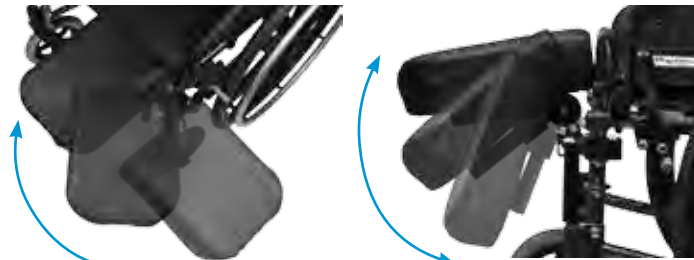
The interlock mounting bracket locks down to either 3/4" or 7/8" (1" upon request) tubing using a two bolt connection.



TRUNK SUPPORT PART NUMBERS

Standard	Rigid
79	791

SWING-AWAY AMP



Swing-Away Feature

Angle Adjustability

SWING-AWAY HARDWARE

U.S. Patent No. 8,231,090

High visibility release lever activates swing-away feature.

Swing-away feature allows residents to be easily transferred in and out of a wheelchair.

Vertical lift off removal and re-installation is quick and easy.

Toggle release angle adjustment is simple and strong.

PRODUCT FEATURES

- Pad height easily adjusted to be flush with top of cushion to prevent hip and knee contractures or wound development.
- Pad angle can be adjusted laterally to promote a natural sitting posture.
- Pad can be elevated for edema management.
- Swing-away feature allows for easy transfer.
- Built in leg trough provides residual limb alignment and prevents slippage off pad.

10" D SWING-AWAY AMP

W x D	Thickness	Part Number
8" x 10"	3"	AMPSA810
9" x 10"	3"	AMPSA910
10" x 10"	3"	AMPSA1010
11" x 10"	3"	AMPSA1110
12" x 10"	3"	AMPSA1210

14" D SWING-AWAY AMP

W x D	Thickness	Part Number
8" x 14"	3"	AMPSA814
9" x 14"	3"	AMPSA914
10" x 14"	3"	AMPSA1014
11" x 14"	3"	AMPSA1114
12" x 14"	3"	AMPSA1214

EXTERNAL FIXATOR LEG REST



PRODUCT FEATURES

- Replaces calf pad on ELR.
- Built in leg trough provides LE alignment and support and prevents slippage off pad
- Decreases pain and risk of injury associated with leg falling off legrest while wearing a fixator/immobilizer

EXTERNAL FIXATOR LEG REST

W x L x T	Part Number
8" x 14" x 6"	XFIX8146
10" x 14" x 6"	XFIX10146
12" x 14" x 6"	XFIX12146

SINGLE FOOT



L: Posterior Support Length
T: Posterior Support Thickness
IST: Inferior Support Thickness
Standard 2" (With Gel 2.5")

SINGLE FOOT ELEVATING

Mounting	W x D x L x T	Part Number
Interlock Bracket	7 x 10 x 8 x 1.75"	698LE
Interlock Bracket	7 x 10 x 14 x 1.75"	697LE

PRODUCT FEATURES

- Unilateral foot and lower leg support.
- Contoured leg trough with heel cutouts to alleviate pressure while aligning LE.
- Connects to foot plate with either clamp-on or bolt-on connection. Does not need to be removed for transfers.
- Bolt-on attachment recommended for residents with tone.
- Single Foot Elevating with interlock bracket must be used with an elevating legrest.

SINGLE FOOT

Mounting	W x D x L x T	Standard	Gel
Bolt-On	7 x 10 x 8 x 1.75"	698	698G
Clamp-On	7 x 10 x 8 x 1.75"	697	697G

SINGLE FOOT TALL

Mounting	W x D x L x T	Standard	Gel
Bolt-On	7 x 10 x 12 x 1.75"	698T	698TG
Clamp-On	7 x 10 x 12 x 1.75"	697T	697TG

SINGLE FOOT, FOOT SUPPORT ONLY

Mounting	W x D	Standard	Gel
Bolt-On	7 x 10	6982	6982G
Clamp-On	7 x 10	6972	6972G

MAXXCARE HEEL PRO EVOLUTION



PRODUCT FEATURES

- Protects heel from shear and skin breakdown.
- Structured to minimize internal/external of hip.
- Minimizes drop foot.
- Anti-slip bottom allows for short distance ambulation.
- Machine washable.

MAXXCARE HEEL PRO EVOLUTION

Size	Part Number
Standard (one size fits most)	MAXXCARE1

CALF PROTECTOR



PRODUCT FEATURES

- Fully padded, available in flexible or rigid options.
- Buckle attachment easily removed for transfers.
- Prevents LEs from falling between legrests.
- Protects against skin tears and injury to feet/ankles and calves.

CALF PROTECTOR

WC Size	W x L	Thickness	Part Number	Rigid Part Number
16"	14" x 8"	0.75"	70A	71A
18"	16" x 8"	0.75"	70B	71B
20"	18" x 8"	0.75"	70C	71C
22"	20" x 8"	0.75"	70D	71D

COMPLETE FEET

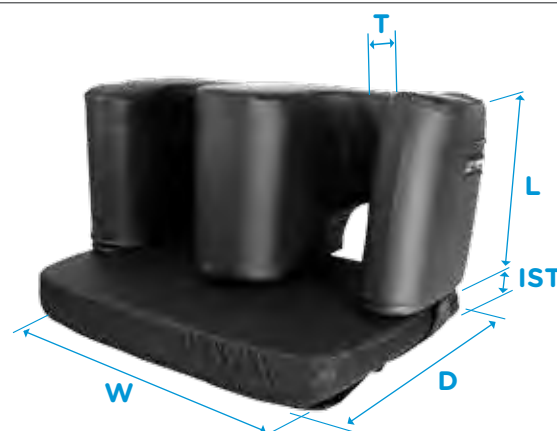


Standard

Standard,
Without SeparatorTall,
With SeparatorTall,
Without Separator

PRODUCT FEATURES

- Bilateral foot and lower leg support.
- Contoured leg trough with heel cutouts to alleviate pressure while aligning LEs.
- Optional leg separator increase LE alignment.
- Attaches with straps or bolt-on option.
- Bolt-on attachment recommended for residents with tone.
- Available in 8" or 12" tall.



L: Posterior Support Length
T: Posterior Support Thickness
IST: Inferior Support Thickness
 Standard 2" (With Gel 2.5")

STANDARD WITH SEPARATOR

WC Size	W x D x L	T	Standard	Gel
16"	15.5" x 10.5" x 8"	2.25"	69A	69GA
18"	17.5" x 10.5" x 8"	2.5"	69B	69GB
20"	19.5" x 10.5" x 8"	3"	69C	69GC
22"	21.5" x 10.5" x 8"	3"	69D	69GD

STANDARD WITHOUT SEPARATOR

WC Size	W x D x L	T	Standard	Gel
16"	15.5" x 10.5" x 8"	2.25"	696A	696GA
18"	17.5" x 10.5" x 8"	2.5"	696B	696GB
20"	19.5" x 10.5" x 8"	3"	696C	696GC
22"	21.5" x 10.5" x 8"	3"	696D	696GD

COMPLETE FEET FOOT SUPPORT ONLY

WC Size	W x D x L	Standard	Gel
16"	15.5" x 10.5"	695A	695GA
18"	17.5" x 10.5"	695B	695GB
20"	19.5" x 10.5"	695C	695GC
22"	21.5" x 10.5"	695D	695GD

TALL WITH SEPARATOR

WC Size	W x D x L	T	Standard	Gel
16"	15.5" x 10.5" x 12"	2.25"	69TA	69TGA
18"	17.5" x 10.5" x 12"	2.5"	69TB	69TGB
20"	19.5" x 10.5" x 12"	3"	69TC	69TGC
22"	21.5" x 10.5" x 12"	3"	69TD	69TGD

TALL WITHOUT SEPARATOR

WC Size	W x D x L	T	Standard	Gel
16"	15.5" x 10.5" x 12"	2.25"	696TA	696TGA
18"	17.5" x 10.5" x 12"	2.5"	696TB	696TGB
20"	19.5" x 10.5" x 12"	3"	696TC	696TGC
22"	21.5" x 10.5" x 12"	3"	696TD	696TGD

COMFORT ARM

PRODUCT FEATURES

- Replaces existing arm pad for contracture management, edema control, and optimal positioning of hand, wrist, and forearm.
- Minimizes incidence of subluxation and dislocations of the shoulder.
- Moldable option allows wrist extension to promote a resting hand position.
- Available with EAD hardware that can be adjusted in any plane to accommodate for tone and contractures of UE.

Standard Arm



COMFORT ARM DIMENSIONS

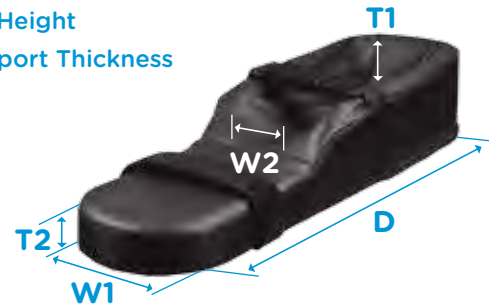
D - Total Support Depth

W1 - Total Support Width

W2 - Effective Support Width

T1 - Elbow Well Height

T2 - Inferior Support Thickness



Low Arm



STANDARD ARM

D x W1	W2	T1	T2	Side	Part #
22" WITH INTERLOCK MOUNT					
22" x 6"	4.0"	2.75"	1.5"	Right	1002R
22" x 6"	4.0"	2.75"	1.5"	Left	1002L
22" WITH SWING-AWAY					
22" x 6"	4.0"	2.75"	1.5"	Right	2002R
22" x 6"	4.0"	2.75"	1.5"	Left	2002L
22" WITH EAD HARDWARE					
22" x 6"	4.0"	2.75"	1.5"	Right	3002R
22" x 6"	4.0"	2.75"	1.5"	Left	3002L
17" WITH SWING-AWAY					
17" x 6"	4.0"	2.75"	1.5"	Right	2002R-17
17" x 6"	4.0"	2.75"	1.5"	Left	2002L-17
14" WITH SWING-AWAY					
14" x 6"	4.0"	2.75"	1.5"	Right	2002R-14
14" x 6"	4.0"	2.75"	1.5"	Left	2002L-14
MOLDABLE STANDARD ARM					
D x W1	W2	T1	T2	Side	Part #
SWING-AWAY					
22" x 6"	4.0"	2.75"	1.5"	Right	2002R-M
22" x 6"	4.0"	2.75"	1.5"	Left	2002L-M
EAD HARDWARE					
22" x 6"	4.0"	2.75"	1.5"	Right	3002R-M
22" x 6"	4.0"	2.75"	1.5"	Left	3002L-M

LOW ARM

D x W1	W2	T1	T2	Side	Part #
22" LOW ARM WITH SWING-AWAY					
17" x 6"	3.0"	N/A	1.25"	Right	2004R
17" x 6"	3.0"	N/A	1.25"	Left	2004L
22" LOW ARM WITH EAD HARDWARE					
14" x 6"	3.0"	N/A	1.25"	Right	3004R
14" x 6"	3.0"	N/A	1.25"	Left	3004L
17" LOW ARM WITH SWING-AWAY					
17" x 6"	3.0"	N/A	1.25"	Right	2004R-17
17" x 6"	3.0"	N/A	1.25"	Left	2004L-17
14" LOW ARM WITH SWING-AWAY					
14" x 6"	3.0"	N/A	1.25"	Right	2004R-14
14" x 6"	3.0"	N/A	1.25"	Left	2004L-14
MOLDABLE LOW ARM					
D x W1	W2	T1	T2	Side	Part #
SWING-AWAY					
22" x 6"	3.0"	N/A	1.25"	Right	2004R-M
22" x 6"	3.0"	N/A	1.25"	Left	2004L-M
EAD HARDWARE					
17" x 6"	3.0"	N/A	1.25"	Right	3004R-M
17" x 6"	3.0"	N/A	1.25"	Left	3004L-M

EAD HARDWARE

Allows arm support to be elevated and articulated with a quick release lever.

Arm support can be adjusted for a depth of up to 2.5" and a width of up to 4".



ELEVATING



ARTICULATING



DEPTH-ADJUSTABLE

Tall Rail Arm



TALL RAIL

D x W1	W2	T1	T2	Side	Part #
SWING-AWAY					
22" x 7"	4.0"	2.75"	1.5"	Right	2007R
22" x 7"	4.0"	2.75"	1.5"	Left	2007L
EAD HARDWARE					
22" x 7"	4.0"	2.75"	1.5"	Right	3007R
22" x 7"	4.0"	2.75"	1.5"	Left	3007L
MOLDABLE TALL RAIL					
D x W1	W2	T1	T2	Side	Part #
SWING-AWAY					
22" x 7"	4.0"	2.75"	1.5"	Right	2007R-M
22" x 7"	4.0"	2.75"	1.5"	Left	2007L-M
EAD HARDWARE					
22" x 7"	4.0"	2.75"	1.5"	Right	3007R-M
22" x 7"	4.0"	2.75"	1.5"	Left	3007L-M

INTERLOCK MOUNTING

The interlock mounting bracket locks down to either 3/4" or 7/8" (1" upon request) tubing using a two bolt connection.



SWING-AWAY HARDWARE

The rotating base system allows the Comfort Arm to be angularly rotated side-to-side and adjusted front to back 7". Mounted the same as interlock bracket above.

SLIDE ON HARDWARE

Slides arm support over stock wheelchair arm pad. Molded arm only.



Molded Arm

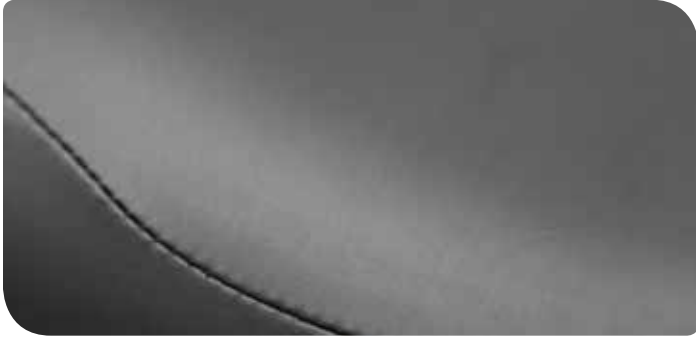


MOLDED ARM

Length x Width	Side	Part #
SLIDE ON		
22" x 5.5"	Right	2100R
22" x 5.5"	Left	2100L
INTERLOCK MOUNT		
22" x 5.5"	Right	2200R
22" x 5.5"	Left	2200L
SWING-AWAY		
22" x 5.5"	Right	2300R
22" x 5.5"	Left	2300L

COMFORT-TEK™

Comfort-Tek™ is smooth and strong yet extremely soft for amazing comfort. The multi-directional stretch provides pressure relief by allowing the fabric to better conform to the individual's unique shape. Designed for infection control and as an incontinence barrier, Comfort-Tek™ is easily cleaned with common disinfectants and is latex-free.



STRETCH-AIR™

Stretch-Air™ is designed to be airy and breathable with superior stretch. Stretch-Air™ provides heat dissipation for comfort while the multi-directional stretch contributes to pressure relief by allowing the user to gain the full benefits of the back support or cushion design. It's latex-free.

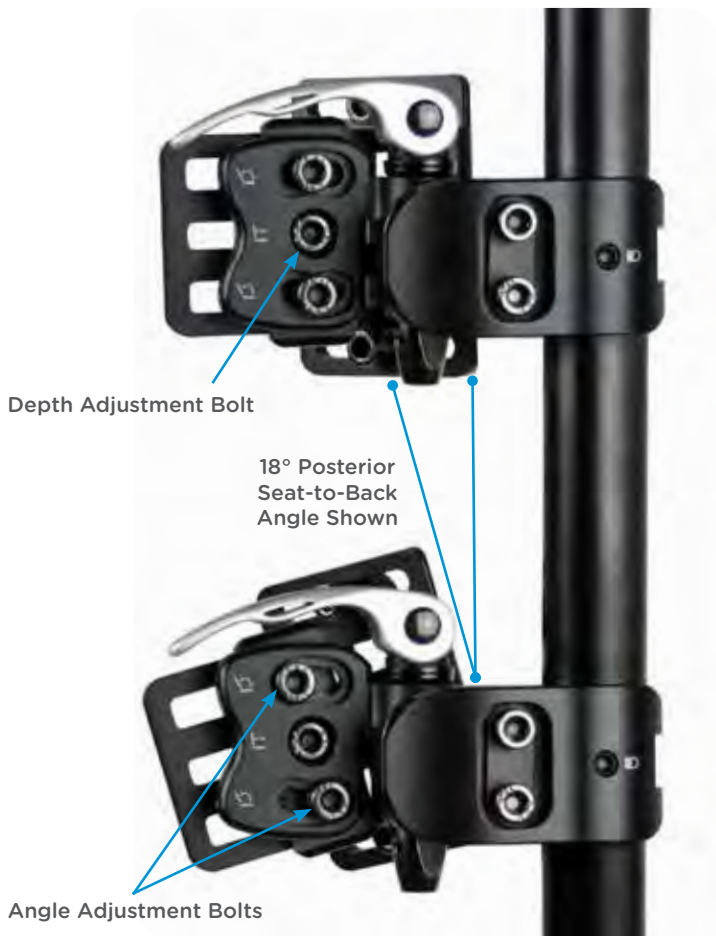


COMPASS® 4 HARDWARE

Patented Compass® 4 hardware is fully adjustable for height, depth, width and seat-to-back angle. All adjustments can be made while resident is seated in the wheelchair.

U.S. Patent No. 7,104,610 and 7,891,739

- Allows for 18° each posterior and anterior angle adjustment and 2" of depth adjustment.
- Markings on the hardware make mounting, adjustments, and alignment easier.
- Comes on Visco Back® and Acta-Relief™ back supports.





GLIDEWEAR®

WHAT IS GLIDEWEAR®?

- GlideWear® is a 2-ply fabric applied to cushion covers specifically designed to reduce the risk of pressure injury formation and promote the healing process of existing wounds by minimizing shear forces.

MICROCLIMATE CONTROL

- GlideWear® is lightweight and breathable, reducing excess heat and moisture buildup for microclimate control. This protects the skin from injury and promotes the healing of existing wounds.

STABILITY

- GlideWear® is strategically placed in the "Shear Reduction Zone" under the bony prominences where pressure is at its peak to minimize the effects of shear.
- This Shear Reduction Zone™ works in combination with the higher friction "Stability Zone". By limiting the use of GlideWear® to the Shear Reduction Zone, the user will not slide out of their seat and proper positioning will be maintained.

Shear Reduction Zone



HOW IT WORKS

- GlideWear® works by transferring the shear forces normally applied to the resident's tissue, to the 2-ply fabric. This way, the top layer of fabric moves with them instead of against them.

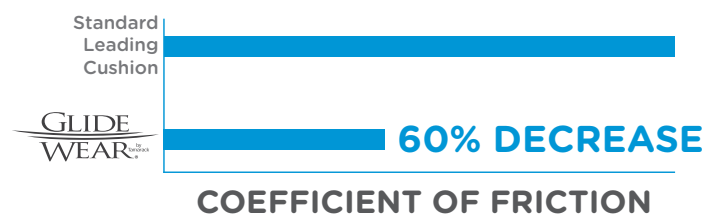
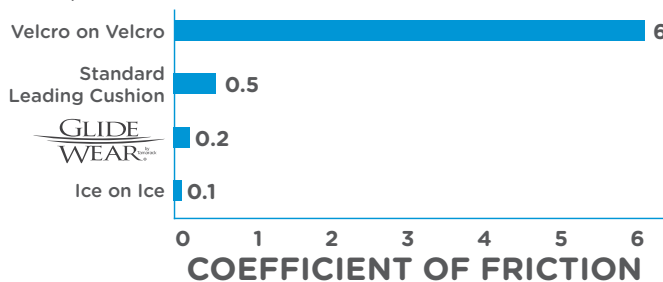


GlideWear Patent No. 8646459

PROVEN RESULTS

MEASURING SHEAR

- COEFFICIENT OF FRICTION: the ratio between the force necessary to move one surface horizontally over another and the pressure between the two surfaces.



Less shear forces when GlideWear® panel is used.

Results published from Marquette University P.T. Department For additional research data & information, visit www.comfortcompany.com/glidewear.

VICAIR®

WHAT IS VICAIR®?

Vicair® products are filled with hundreds of small, air-filled Comfort Cells™. Together these cells provide reliable and stable support and superior pressure redistribution.

VICAIR® TECHNOLOGY

With each cushion a predetermined number of Comfort Cells™ are in individualized chambers creating a ready to use seating surface.

Comfort Cells™ do not migrate between their dedicated chambers, thus providing functional stability.

If needed, Comfort Cells™ can be added to or removed from the chambers in the cushion liner to optimize the positioning features of the cushion to the individual resident.

Vector® X and Adjuster® X cushions are shaped and designed to provide offloading of the bony prominences for skin protection.

Vector®, Adjuster®, and Liberty® X are immersion style cushions for skin protection.

VICAIR® BENEFITS

Vicair® cushions do not require daily monitoring making them ideal for a long term care setting.

- LOW MAINTENANCE
- STABLE
- WASHABLE
- LIGHTWEIGHT
- ADJUSTABLE

COMFORT CELL™ TECHNOLOGY



Comfort Cells™ are constructed of a soft material with thin outer walls allowing them to easily shift, conform, and settle around the resident within their dedicated chambers. This provides optimal contouring, envelopment, and pressure redistribution in a stable seating surface.



Vicair Patent No. 6393642 & 5079787

3D MESH LINER

3D Mesh liners on Vector® X and Adjuster® X Vicair® cushions are breathable and promote air flow fighting microclimate at the seat surface. The mesh liner and Comfort Cells™ can be washed as an assembled unit making it very low maintenance.



BARIATRIC OPTIONS

CUSHIONS

STANDARD				SKIN PROTECTION				SKIN PROTECTION & POSITIONING			
	PAGE #	MAX. WIDTH	MAX. WEIGHT		PAGE #	MAX. WIDTH	MAX. WEIGHT		PAGE #	MAX. WIDTH	MAX. WEIGHT
SUPPORT PRO	PG. 6	22W	400 LBS	ADJUSTER®	PG. 8	24W	550 LBS	SADDLE	PG. 10	24W	400 LBS
SUPPORT PRO 7	BELOW	30W	750 LBS	VECTOR®	PG. 9	24W	550 LBS	SADDLE 7	BELOW	30W	750 LBS
								SHIELD	PG. 11	24W	400 LBS
								VECTOR®	PG. 9	24W	550 LBS
								ADJUSTER® X	PG. 12	30W	750 LBS
								VECTOR® X	PG. 13	24W	550 LBS

BACK SUPPORTS

STANDARD				MODERATE				MAXIMUM			
				VISCO BACK®	PG. 21	24W	400 LBS	ACTA-RELIEF™	PG. 23	20W	300 LBS

SUPPORT PRO 7 SERIES

STANDARD

See pg. 6 for Support Pro features.



DIMENSIONS

Seat Thickness 3.5"

WEIGHT CAPACITY

All Sizes 750 lbs

STANDARD SIZES

	22" W	24" W	26" W	28" W	30" W
18" D	22 x 18	24 x 18	26 x 18	28 x 18	30 x 18
20" D	22 x 20	24 x 20	26 x 20	28 x 20	30 x 20

SUPPORT PRO 7 PART NUMBERS

Standard	W/Gel Insert
53-WWDD-B	53G-WWDD-B

WWDD to be replaced / WW = width & DD = depth in inches

SADDLE 7 SERIES

See pg. 10 for Saddle features.



SKIN PROTECTION & POSITIONING

DIMENSIONS

Seat Thickness 4.5"

WEIGHT CAPACITY

All Sizes 750 lbs

STANDARD SIZES

	22" W	24" W	26" W	28" W	30" W
18" D	22 x 18	24 x 18	26 x 18	28 x 18	30 x 18
20" D	22 x 20	24 x 20	26 x 20	28 x 20	30 x 20

SADDLE 7 PART NUMBERS

Standard	W/Gel Insert
53S-WWDD-B	53SG-WWDD-B

WWDD to be replaced / WW = width & DD = depth in inches



LTC WHEELCHAIR SEATING & POSITIONING PRODUCT SELECTION GUIDE

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