
Spex Back Support



Easily solve upper torso needs for most wheelchair users with the Spex® exceptional upholstery section. Incorporates the Spex® cube contouring cell system to allow on-the-spot customisations for torso comfort and asymmetry needs.

CLINICAL

Designed for the individual who:

- Requires a comfortable back support to reduce torso pain
- Requires spinal alignment and support
- Has skin breakdown/pressure care needs.
- Has bony or protruding skeletal prominences.
- Have changing postural needs
- Pertains a maladaptive or asymmetric posture

FUNCTIONAL

- Comfortable pressure reducing foam surface layer to absorb bony prominences
- Cube contouring cell system provides configurations for a perfect fit and shape for the client
- Customisation to contouring are performed on-the-spot
- Created as the solution-solver for asymmetrical back postures
- Modular componentry means you can 'mix and match' with different lateral pad options and positioning supports
- Offers exceptional back/shoulder contact
- Sustainable choice for issuing to other users
- Dual-layer cover reduces shear forces, and breathable air-mesh on back support sides counters moisture and temperature

RECTANGLE SHAPE

Fits between wheelchair canes



T SHAPE

Sits in front of wheelchair canes





Dual-layer cover reduces **SHEAR FORCES** with air-mesh side panels to counter moisture and temperature

Add laterals as required from our **LARGE MODULAR RANGE**

Strong **VENTILATED SHELL** increases air flow through the back support offering daily comfort

SLOTS & HOLE POSITIONS on shell allow easy installation of head supports, lateral supports and harnesses

RECTANGLE SHAPE

		Wheelchair Width (inches)										
		10	11	12	13	14	15	16	17	18	19	20
Wheelchair Height (inches)	12											
	13											
	14											
	15											
	16											
	17											
	18											
	19											
	20											
	21											
	22											
	23											

- Pink squares are standard sizes.
- Non-standard or custom sizes are available on request.

RECTANGLE SHAPE

Width	Capacity	Product Weight
10"-15"	200lbs (90kg)	(16x16)
16"-20"	300lbs (136kg)	1.7kg

PRODUCT PERFORMANCE

Postural Control					5
Lateral Stability					5
Postural Asymmetries					5
Changing Needs					5
Pressure Care					5

- **NOTE:** This is a guide only and ratings are dependent on correct use of product

Contouring the Spex® Back Support Surface

A special feature of the Spex® back support is the adjustable contouring-cell cube system which incorporates into the upholstery unit of the backrest. Easy configurations are performed for asymmetrical trunk postures without the need for complicated custom/bespoke seating.

The cover un-zips from the top of the back support and remains fixed to the shell whilst you remove the inner upholstery unit. Changes to the contouring are made on-the-spot for instant results.

Further postural enhancements to the degree and depth of contouring are achieved with the positioning kit of support wedges (included with every Spex® back support).



Special cover design allows the contouring cube system to be removed through the top of the back support.



Instant changes can be implemented to configure the back support surface.



- + Add layers to build up areas where pronounced support is required.
- Remove layers where more immersion is required.



Customisations can be reconfigured at any time when postural needs change. Contouring doesn't move or slip out of adjustment.

FOR MILD BONY PROMINENCES

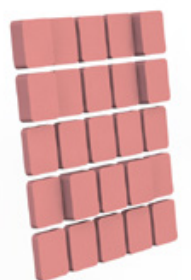
Without even adjusting the cube system, the Spex® back support has slight contouring and integrates a comfortable pressure reducing foam surface layer to absorb mild bony prominences and asymmetries for uniform torso contact.



Showing front pressure-reducing surface

FOR IMMERSION

For individuals that require immersion into the backrest, simply adjust the cube contouring cell system to configure for a perfect fit and shape for the client's back.



Showing contouring cells without the front foam surface

FOR ASYMMETRY

For asymmetrical or maladaptive postures, the contour can be arranged to provide the matching shape required to support the client's torso profile.



Blank areas show where contouring pads can be fully removed, yet the foam surface still offers padded support

Back Support Contouring Charts

Record the amount of contouring cubes used. Fill out this form and enter the number of cubes used in each pocket and save for future reference.

Use all charts below if recording contouring cubes used for the **Spex® SuperShape® Back Support**.

Use only the left hand chart if recording contouring cubes used for the **Spex® Back Support**.

TOP OF BACK

LEFT SIDE OF USER

RIGHT SIDE OF USER

PRIMARY LAYER

TOP OF BACK

LEFT SIDE OF USER

RIGHT SIDE OF USER

MIDDLE LAYER

TOP OF BACK

LEFT SIDE OF USER

RIGHT SIDE OF USER

REAR LAYER

EXAMPLE

Example of how to use the back support contouring positioning chart:

TOP OF BACK

2P	1P	1P	3P	2P
2P	0	2P	3P	2P
0	1P	2P	2P	2P
1P	1P	2P	2P	2P
1P	1P	2P	2P	2P
X	X	X	X	X
X	X	X	X	X

LEFT SIDE OF USER

RIGHT SIDE OF USER

Write the number of **PINK(P)** foam pads

If no pads are inserted

If it's a shorter back height with less pockets, cross the bottom ones out.

If a positioning wedge is used, mark the area.

If it's a Pediatric back with less pockets, cross the outer ones out.

Codes for Standard Sized Back Supports

Our back support codes are meaningful!

Here's how to generate a product code to place your order.

BACK SUPPORT STYLE

2 = Vigour
4 = Mantaray
5 = Spex
6 = SuperShape

BACK SUPPORT WIDTH

e.g 16"

BACK SUPPORT HEIGHT

e.g 18"

BACK SUPPORT STYLE

OL = Vigour Lo
OM = Vigour Mid
OH = Vigour Hi
OO = Mantaray
SS = Spex Rectangle Back
TS = Spex T Shape
SS = SuperShape

1 2 5 - - 0

EXAMPLE

A Spex® T Shape Back Support of width 18" and height 20", would have the code 1255-1820-OTS.

Stand out from the crowd!

Upgrade your cushion with a splash of colour, for no extra cost!

We offer 5 colour options for our Spex® back support outer covers alternative to the standard black fabric.

Simply add the upgrade codes to your back support order.



Calypso Pink
1209-2491-028



Chili Red
1209-2491-022



Granite Grey
1209-2491-090



Mango Orange
1209-2491-030



Ocean Blue
1209-2491-060

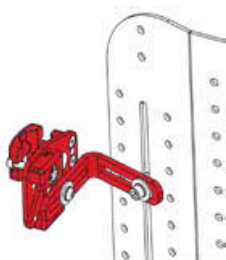
SPARE OUTER COVERS for any Spex® back support are available for purchase. Refer to the Spex® ordering and scripting guide for details, or get in touch with your local Spex® distributor.

Spex® Back Support Hardware Options

QUAD MOUNT (DEFAULT)

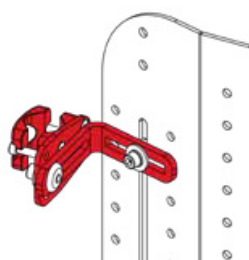
Quad Mount hardware is the default hardware option for Spex® Back Supports and uses four independent points of attachment to the back support canes of the wheelchair for ultimate strength and lateral positioning. This hardware type offers 40mm of seat depth adjustment, and is available in three different variants:

QUAD MOUNT (DEFAULT)



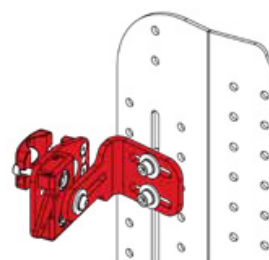
- Has a unique locking system that allows the back support to be removed easily
- Provides 10° of back support angle
- Weighs 0.9kg

FIXED MOUNT

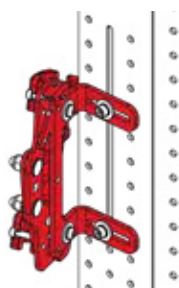


- Back support is non-removable without the use of tools but is lighter (and a more cost-effective option)
- Limits adjustability and back support angle
- Weighs 0.6kg

HEAVY-DUTY QUICK-RELEASE



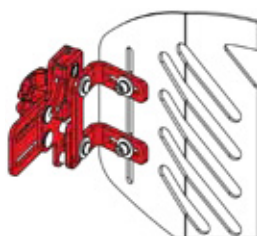
- Supports heavier users with stronger L-brackets
- Shares the benefits of quick release hardware
- Weighs 1.1kg



DUAL MOUNT (OPTION)

Dual Mount hardware has two points of attachment to the back support canes of a wheelchair and offers simpler set up, increased adjustability, angle, and growth. It utilises the same quick-release hook and latch operation to secure the back support. Please note, this hardware option cannot be used on most wheelchairs that have a horizontal back cross brace. Dual Mount hardware allows for:

- 40mm of seat depth adjustment
- 30° of back support angle
- Weighs 1.1kg

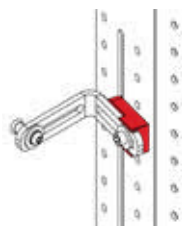


SINGLE MOUNT (OPTION)

Single Mount hardware is a lightweight option for lower height back supports and has two point of attachment to the back support canes of a wheelchair. Like Dual Mount, this hardware option also offers simpler set up, increased adjustability, angle, and growth, and allows for:

- 45mm of seat depth adjustment
- 30° of back support angle
- Weighs 0.9kg

BACK SUPPORT HARDWARE ACCESSORIES/ATTACHMENTS



QUAD/SINGLE MOUNT WIDTH EXTENSIONS

Allows mounting of back supports up to 3" wider than the chair width, depending on the size of the back support. Cannot be used on Quad Mount HD.

- Weighs 0.1kg (set of 4)
1259-2490-100



QUAD MOUNT DEPTH EXTENSIONS

Increase back angle by 10° (set of 2 for upper mounts)

- Weighs 0.1kg
1259-2450-100

Increase seat depth by 4" (set of 4 for all mounts)

- Weighs 0.2kg
1259-2452-100

Through our innovative, quality products, exceptional service and ingrained knowledge and expertise of the healthcare industry, Highgate Healthcare has been raising the standard of living in aged care, hospital, disability and rehabilitation facilities in Australia for over 30 years.



Highgate Healthcare

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