

A young woman with short brown hair, smiling and looking upwards, is seated in a wheelchair. She is wearing a black cardigan over a white dress with a pink and red floral pattern. The wheelchair has a purple mesh backrest and black armrests. A joystick control is visible on the left side of the wheelchair. The background is a lush green bush with pink flowers. A red circular graphic is in the top left corner, and a white circular graphic is in the bottom right corner.

# spex

Shaping Better Lives

Spex Classic  
Back Support



Easy to install  
and adjust  
Durable and  
long-lasting





# Easily solve upper torso needs for most wheelchair users with the Spex Classic.



The Spex Classic back support incorporates the popular Spex Contouring Cube System to allow on-the-spot customisations for torso comfort & asymmetry needs.

- Effortless customisations
- On-the-spot adaptations for changing postural needs
- Instant results
- Cubes can be removed and added at any time
- Contouring doesn't move or slip out of adjustment
- Additional contouring support wedges can be used to further enhance the degree of contouring

# Clinical Benefits

## 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 Benefits

## Instant Contouring of the Back Support Surface:

Using the renowned contouring cube system within the Spex Classic back support, the back support surface can be easily configured and contoured in real-time! If the user's postural needs change, it can simply be reconfigured at any time! Too easy!

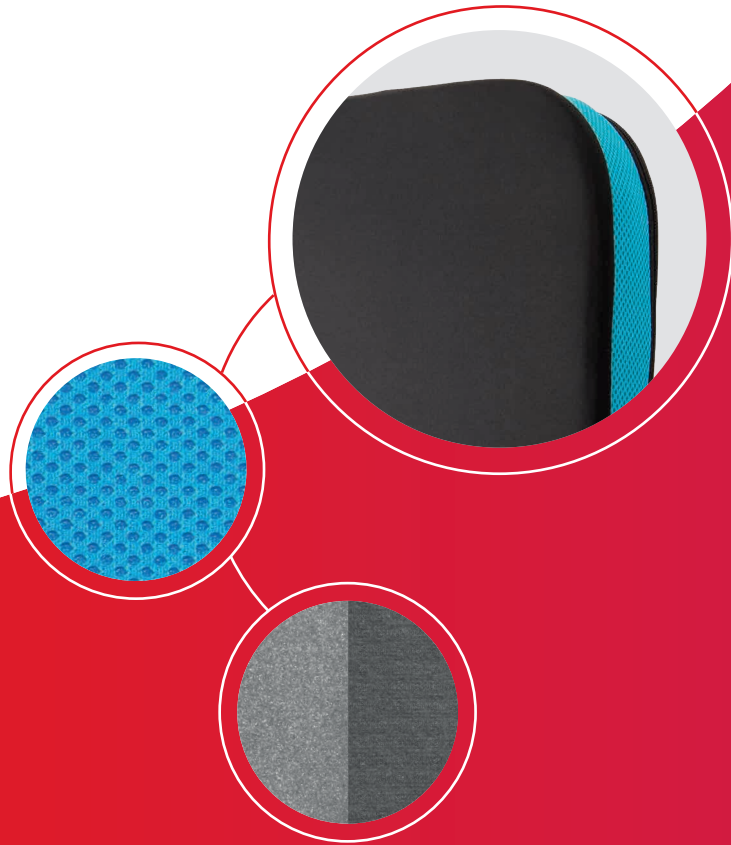


## Non-slip Contours Don't Move Out of Adjustment:

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

## Dual-layer Outer Cover Technology:

Dual-layer technology in the back support outer cover reduces shear forces, combating the likelihood of pressure sores. With air-mesh side panels, moisture build-up and the impacts of temperature are countered.



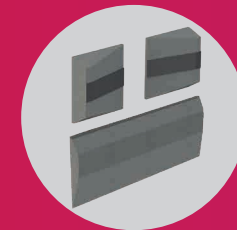
## And even more!

- Comfortable pressure reducing foam surface layer to absorb bony prominences.
- Created as the solution-solver for asymmetrical back postures.
- Sustainable choice for issuing to other users
- Modular componentry means you can 'mix and match' with different lateral pad options and positioning supports

## Use with:



Spex Head  
Supports



Asymmetric  
Contour Kit

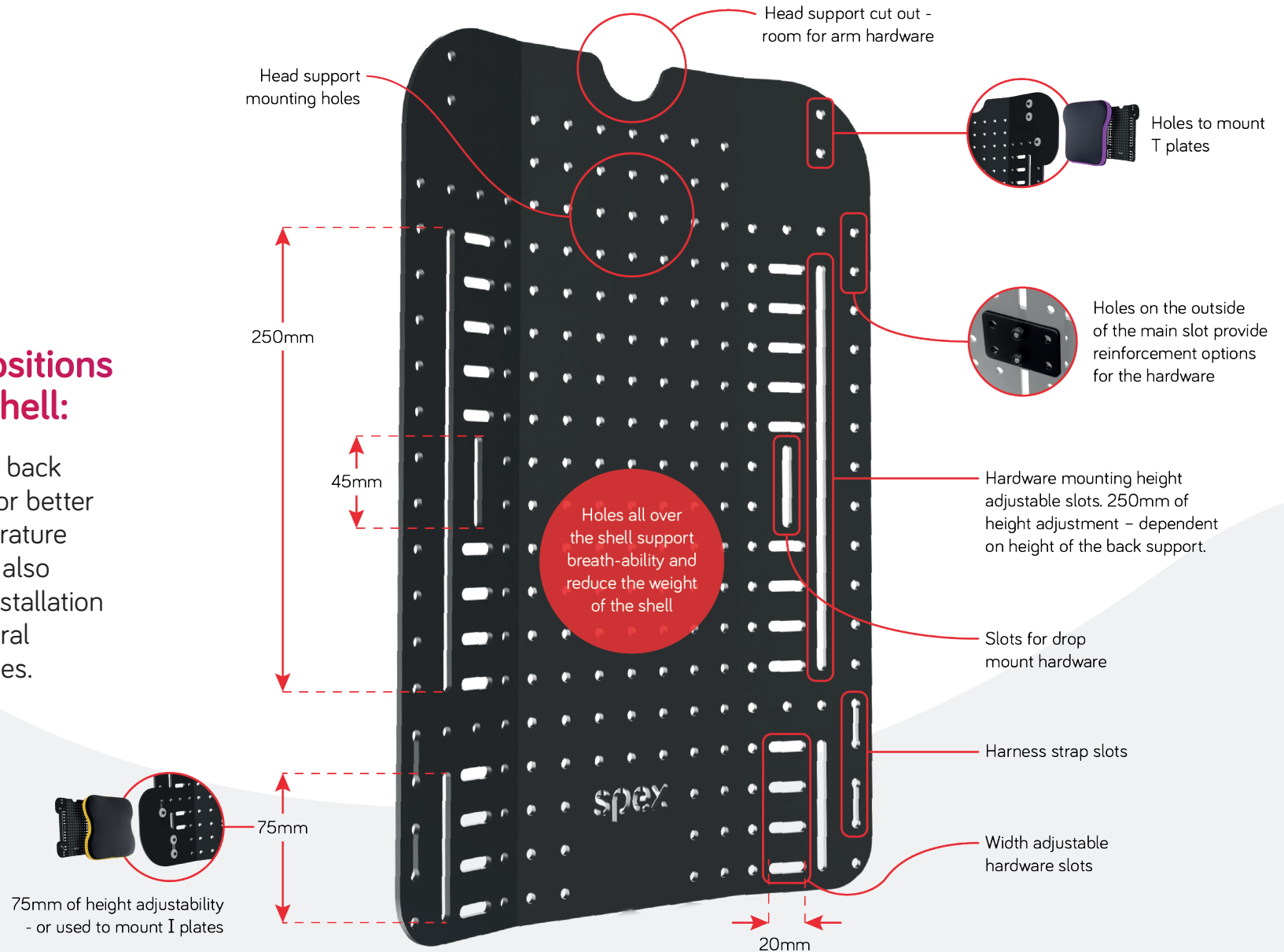


Spex Lateral  
Supports

# Unique Shell Design

## Slots & Hole Positions on Ventilated Shell:

Slots and holes in the back support shell allows for better ventilation and temperature control for the user. It also allows for an easier installation of head supports, lateral supports and harnesses.







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Shaping Better Lives

## HEAD SUPPORT

Extended Lateral Head Support



## LATERALS

Swing-Away Supports with Comfi covers



## PADDING

Custom padding



## ARM SUPPORTS

Flip-down with Comfi Arm Support Pads



## BACK SUPPORT

Spex Classic in Bumblebee Yellow



## HARNESS GUIDES

Mounted to the Back Support



## CUSHION

Classic SuperHigh Contour with custom ischial well in Bumblebee Yellow



## HARNESS

Centrepont Shoulder Positioning Harness





# Lily's seating configuration



# Configure to suit your needs

## For Immersion

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

Showing contouring cells without the front foam surface



## 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 Asymmetry

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

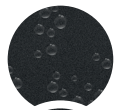
Blank areas show where contouring pads can be fully removed, yet the foam surface still offers padded support





# Customisations

## Custom fabric choice on cover



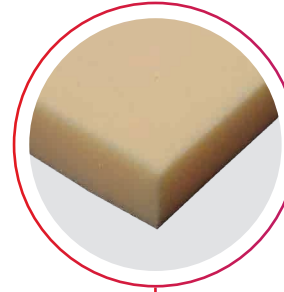
Spextex – wipe-down fabric  
1208-2949-209



Spextex – knitted side, fabric finish  
1208-2949-219



Air mesh spacer fabric  
1208-2949-099



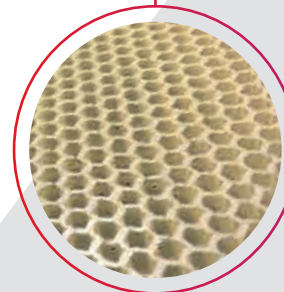
## Add 30mm thick low resilient foam

Also available in 15mm.  
1209-2346-300



## ½" extra pressure relieving foam overlay

1208-2945-300



## Supracor insert in envelope, installed to back support cover

Adds 13mm to back support thickness.  
1208-2952-300

Spex Classic  
T-Shape  
Back Support





## Easily solve upper torso positioning needs for most wheelchair users with the Spex Classic T-Shape Back Support.

The T-Shape Back Support incorporates the classic Spex contouring cube system to allow on-the-spot customisations for torso comfort and asymmetry needs, whilst also providing greater stability for the user's upper body.

Greater stability in the trunk can allow for improved head and neck movements, and greater contact surface can aid with pressure distribution for comfort. The contouring and immersion ensures that individual body shape and comfort needs are easily responded to with the T-Shape Back Support.

The T-Shape provides superior upper back and shoulder support, and is especially useful in situations where the user requires tilt-in-space, as their upper body and shoulders will have more contact with the contact surface of the back support.



### **Straight Shape**

Fits between wheelchair canes



### **T-Shape**

Sits in front of wheelchair canes

# 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.



# Back Support Contouring Charts

Record the amount of contouring cubes used. Fill out the 'Spex Classic Back Support Contouring Positioning Chart' form and enter the number of cubes used in each pocket and save for future reference. You can find this resource on our website or the Medifab Vault - our online documents hub.

Top of back

Left side of user

PRIMARY LAYER

## Example

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

Top of back

Left 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 cubes out

If a positioning wedge is used, mark the area

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

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

# Configurable mounting hardware options

A range of mounting hardware allow the back support to be pushed forward or backwards depending on individual needs:



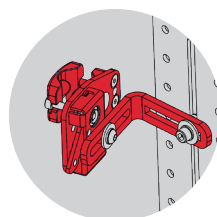
## Single Mount

A lightweight option for lower height back supports. Simpler set up, increased adjustability.



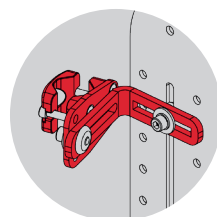
## Dual Mount

Ideal option when extra adjustment in angle and depth is needed.



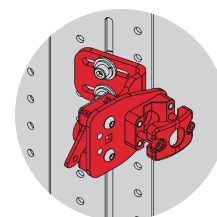
## Quad Mount

Quick-release, compact and highly-adjustable hardware.



## Quad Mount Fixed

Fixed and compact. Best option for non-removable backs.



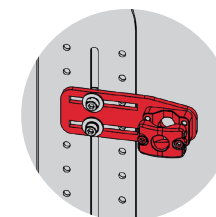
## Heavy Duty Quad Mount

Compact and strong. Supports users who apply a lot of force and/or weight to the back support.



## Drop Mount

Easy drop-in hardware for active and lightweight back supports.



## Direct Mount

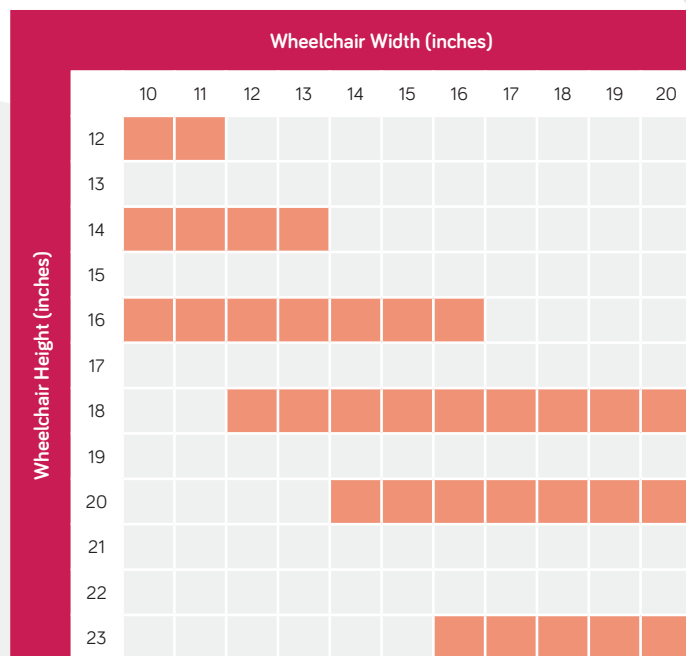
The most minimal Spex option available. It is non-removable and only allows for width adjustment.

HARDWARE	SINGLE MOUNT	DUAL MOUNT	QUAD MOUNT	QUAD MOUNT FIXED	HEAVY DUTY QUAD MOUNT	DROP MOUNT	DIRECT MOUNT
POINTS OF FIXATION	2	2	4	4	4	2	4
SEAT DEPTH ADJUSTMENT	4.5cm	4cm	4cm	4cm	4cm	Paediatric: 5cm Medium: 5cm Small: 3.8cm Large: 7.6cm	Non-Adjustable
BACK SUPPORT ANGLE	30°	30°	10°	10°	10°	30°	Non-Adjustable
WEIGHT	0.9kg	1.1kg	0.9kg	0.6kg	1.1kg	0.6-0.8kg	0.6 kg
CODE	1259-2100-100	1259-2205-100	1259-2400-100	1259-2470-100	1259-2405-100	1259-1400-00X Small: 00S Large: 00L Paediatric: 00P Medium: 00M	1259-2460-100



# Back Support Specifications

## Sizing Chart



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

## Product Performance

Postural Control				4
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

## Product Details

	SPEX CLASSIC		
WIDTH	10"-15" (25.4-38cm)	16"-20" (41-51cm)	21"+ (53cm+)
WEIGHT CAPACITY	200lbs (90kg)	300lbs (136kg)	Must use Heavy-Duty brackets 400lb (180kg)
WEIGHT CAPACITY WITH HEAVY-DUTY BRACKETS	300lbs (136kg)	400lbs (180kg)	
PRODUCT WEIGHT* (WITHOUT HARDWARE, 16" BACK)	1.7kg		
OVERALL THICKNESS (INCLUDING COVER)	7cm		
CODE	1255-WWHH-OSS		

To order, replace the **WW** and **HH** in the code, with the appropriate size required

- Note: This is the weight of the back support only and does not include the hardware. For hardware weight, refer to page 18.
- Thickness of the back support is 7cm. The Spex Classic Back Support is designed to be contoured and this measurement only reflects the thickness without any of this contouring. Therefore the back support thickness will likely be less than 7cm in some sections and more in others.





# spex

Manufactured by Spex Ltd

[solutions@spexseating.com](mailto:solutions@spexseating.com)

[spexseating.com](http://spexseating.com)

DISTRIBUTED BY:

**rehabhire & sales**

320 Lorimer Street Port Melbourne Victoria 3207  
t: 1300 000 030 | e: [contact@rehabhire.com.au](mailto:contact@rehabhire.com.au) | [rehabhire.com.au](http://rehabhire.com.au)