

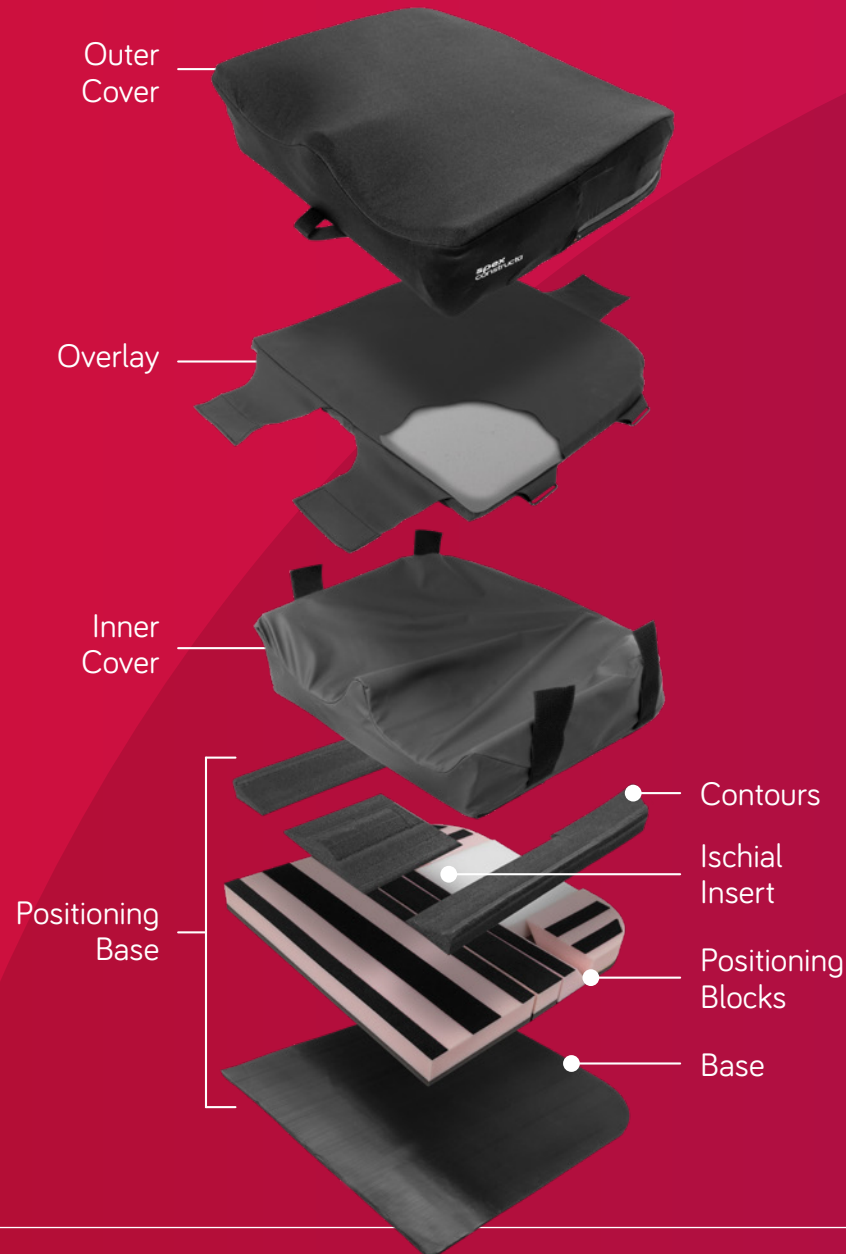
**spex**  
constructa



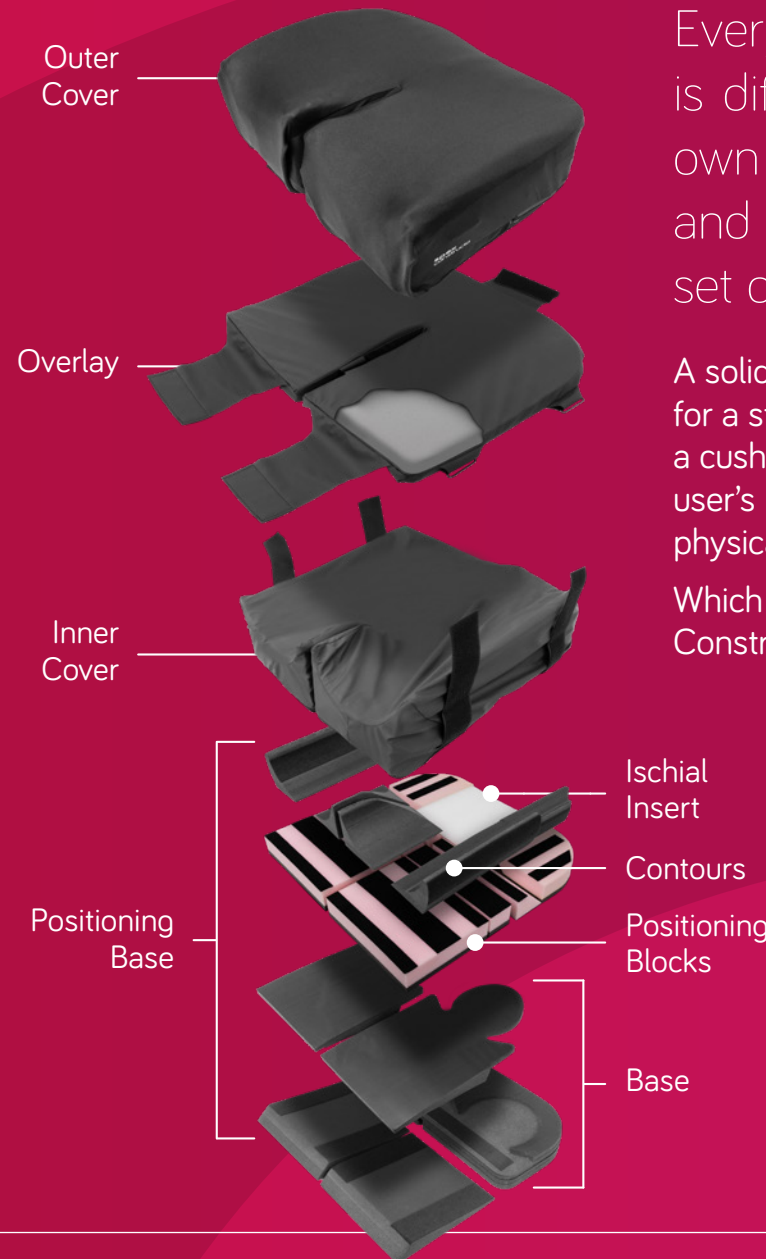


Because  
Every Body  
is Different

## Shape



## Flex



Every wheelchair user is different, with their own individual needs and their own unique set of challenges.

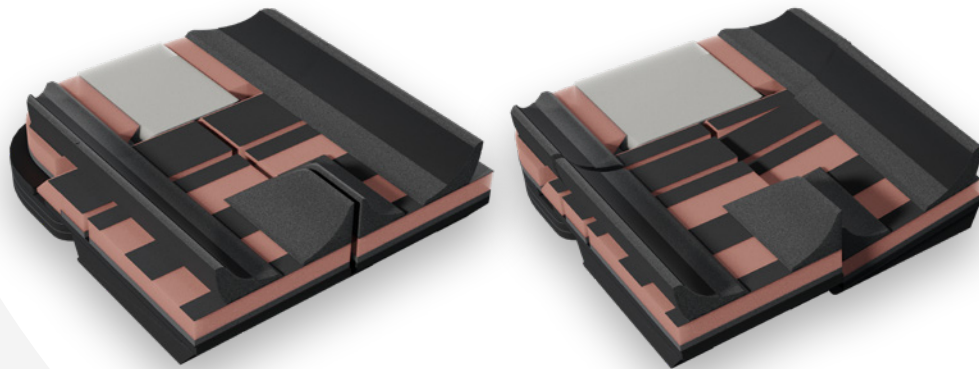
A solid foundation is the base for a stable posture, requiring a cushion to support the user's pelvis for their unique physical requirements.

Which is exactly what the Constructa Cushion does.

Find out more:



# Our Most Anatomically Adaptable Cushion



The latest research shows that asymmetric limited hip flexion is closely linked to the development of other conditions, including pelvic obliquity, trunk asymmetry, scoliosis and windswept hip distortion (Ágústsson, A. et al, 2017).

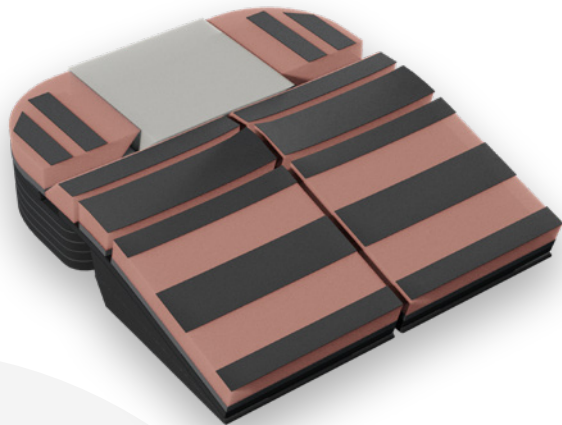
A wheelchair cushion that can accommodate asymmetrical hip angles is able to maintain or improve posture over time, instead of contributing to the development of other postural conditions.



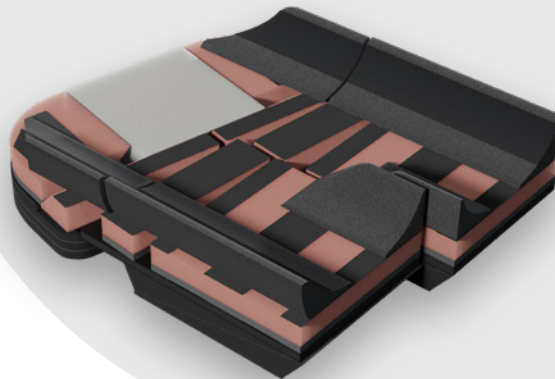
The Constructa system is a range of modular cushions which can adapt to accommodate complex postural needs for users of all ages. From simple seating requirements to the most challenging demands, the result is better seating which minimises pressure while maximising comfort.

Constructa cushions  
are ideal for users with...

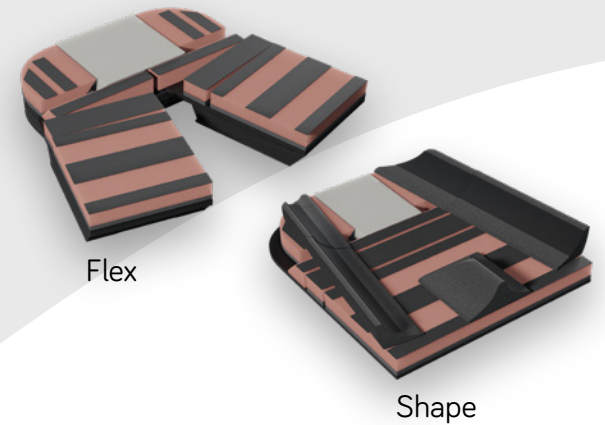
**Limited hip flexion**



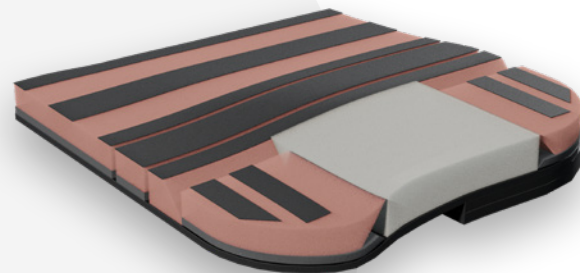
**Windswept posture**



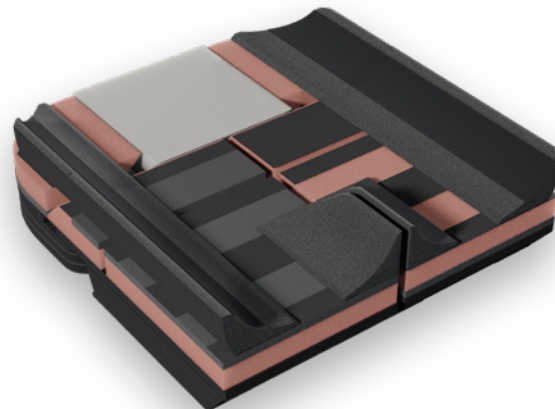
**Adduction/Abduction**



**Pelvic obliquity**



**Issues with areas of pressure**



**And a variety of other symmetric  
and asymmetric postures.**

The result is a cushion which  
gives clinicians the power to  
provide refined solutions quickly  
while maintaining the ability  
to adapt and evolve over time.

# Wonderseat Constructa

Paediatric 10" – 12" Widths

Designed to give young users the best possible start to life, providing customisable support in-line with critical early intervention practices.



Created specifically for infants and children between 6 months and 8 years, the Wonderseat Constructa cushion gives children more comfort and security, parents more peace of mind, and therapists more tools to address clinical issues.



# Constructa Shape

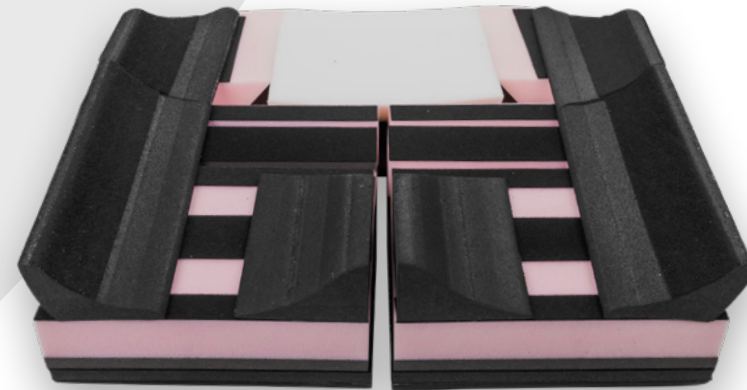
Available in 14" – 20" Widths



The simplified version of this innovative modular cushion features a flat base with positioning blocks and contouring pads designed to deliver refined support which can be adjusted for the individual user.

Thigh supports and the ischial well can be adjusted to accommodate rotation, growth (with seat depth and width adjustments) and to offload high-risk pressure areas. The ischial insert and overlay also help to distribute and reduce peak pressure points.





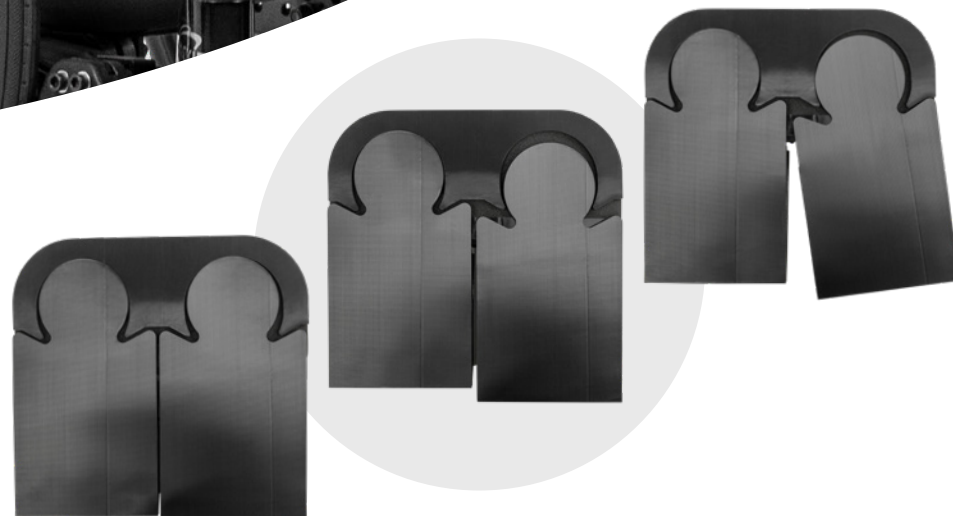
## Constructa Flex

Available in 14" - 20" Widths

An array of improved positioning features (including adjustable blocks for growth or asymmetry as well as adjustable contours for thigh and pelvic control) dramatically enhance adjustment range.

A structured ischial well distributes and offloads pressure, adding to the comfort and overall experience for the user. This ability to provide complex custom solutions with off-the-shelf products means clinicians can quickly provide relief for users with a wide range of physical challenges, including...

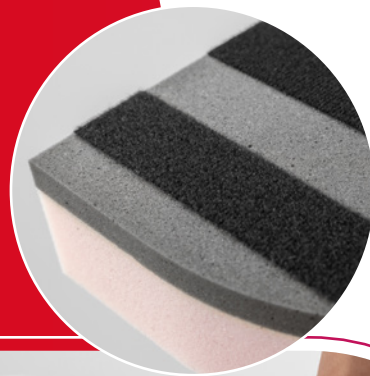
- Flexion limitations
- Pelvic obliquities
- Windsweeping
- Abduction
- Leg length discrepancies



# Features & Benefits

## A refined fit

Constructa cushions match the body's contours, thanks to adjustments aligned with our anatomy.



## Performance under pressure

The entire cushion was designed to manage pressure. The invertible positioning blocks provide the foundation for a supportive yet immersive cushion, while the ischial well blends without any firm edges for ultimate comfort.

The Thigh and Trochanter Blocks have a dual-layer construction using medium and firm foams. These blocks can be inverted with the firm grey foam at the top to reduce the immersion in a cushion zone, changing the overall pressure distribution of the cushion.



## Sleeker appearance

Stylish covers fit the cushion without limiting adjustment, while also making cleaning and maintenance easy.



## A quicker solution

The adaptable nature of the Constructa Cushion means users who need custom solutions get them sooner, with just a single appointment required to find the perfect fit for many users.



## Designed to adapt

The Constructa Cushion was designed to evolve with the user's needs, delivering an ideal solution for years of growth or postural change.



# Who can use a Constructa Cushion?

The Constructa range of cushions was designed to accommodate and compensate for a wide range of symmetric and asymmetric postures.

**Users who will benefit the most from this highly-adaptable system include...**

- Those who need to balance, stabilise, and maintain positioning of the legs and pelvis.
- Those who need pressure relief under bony prominences.
- Those who may need changes in position due to growth or surgery.
- Individuals with leg length discrepancies, wind-swept, pelvic obliquity, pelvic rotation, posterior/anterior pelvic tilt.
- Individuals with a moderate risk of pressure injuries/decubitus pressure sores.
- Individuals with adduction and abduction of the legs.

## Clinical Applications

The ground-breaking design of our cushion gives therapists the ability to create a configuration which satisfies even the most complex postural requirements. In doing so, the Constructa cushion will help...

- Prevent the ischial tuberosities from sliding forward.
- Provide offloading of the ischial tuberosities.
- Obtain correct hip angles and flexion angles of the thighs.
- Maintain correct transverse thigh angles.



# Accessories

Customise your Constructa Cushion with extra components available from our Constructa Cushion Spare Parts Script.

## Constructa Shape Strategic Positioning Kit

Spex cube adjustment kit to be used underneath Constructa Shape. Includes Pelvic and Thigh positioning pads to build up contour under the cushion base.

1102-WW00-000

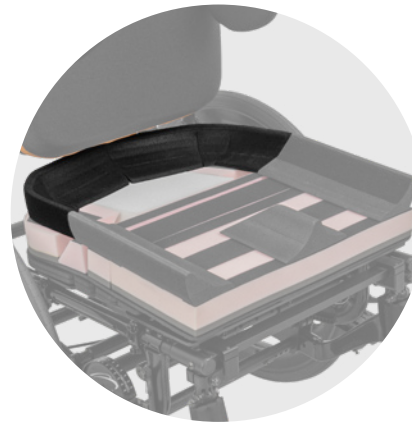


## Spare Outer Cover

A stylish cover which is comfortable, breathable and offers protection for the skin.

*Shape: 1102-WWDD-00C-C*

*Flex: 1102-WWDD-FOC-C*



## Flexy Contour

Replaces lateral pelvic supports with one continuous, flexible lateral and posterior pelvic support.

Providing posterior support to the pelvis can promote neutral alignment of the pelvis and limit presentations such as:

- Posterior Pelvic Tilt
- Kyphosis
- Pelvis sliding forward

It can also be used to reduce pressure on the ischial tuberosities with improved offloading.

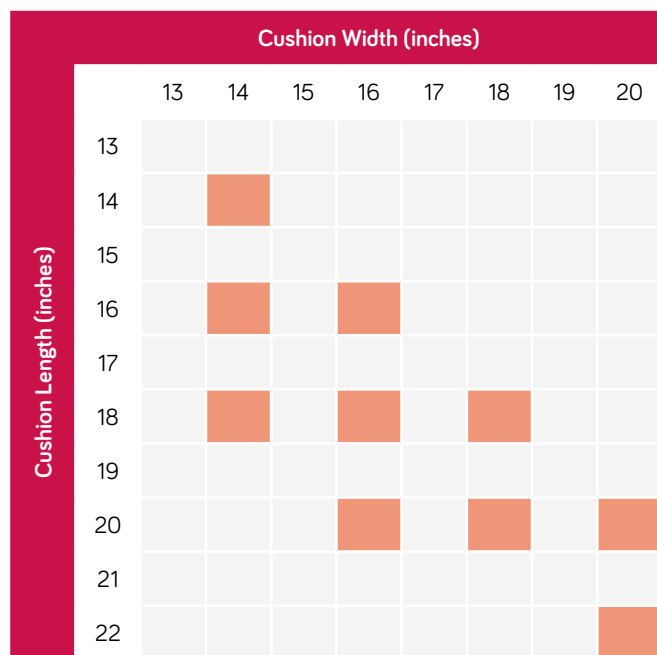
Available in High Contour only.

Compatible with Flex and Shape.

1102-WW00-00F

# Cushion Specifications

## SIZING CHART



- Red squares are standard sizes.

CODE	SHAPE		FLEX	
	1102-WWDD-1XXX		1102-WWDD-FXXX	
	With Spare Outer Cover: -XCXX Without Spare Outer Cover: -XOXX			
	SC -XXSC	HC -XXHC	SS -XXSS	

WIDTH	14"	16"	18"	20"
WEIGHT CAPACITY	90kg	90kg	136kg	136kg
CUSHION HEIGHT (SHAPE)	7cm	7cm	9cm	9cm
CUSHION HEIGHT (FLEX)	12cm	12cm	13cm	13cm

CONTOUR	STANDARD (SC)	HIGH (HC)	SUPERHIGH (SS)
LATERAL THIGH SUPPORT HEIGHT (TROUGH HEIGHT)	3cm	5cm	8cm
LATERAL PELVIC SUPPORT HEIGHT	3cm	5cm	5cm

ADJUSTMENT	SHAPE			FLEX		
HIP FLEXION	5°			15°		
HIP ABDUCTION	10° (5° each leg)			30° (15° each leg)		
WINDSWEPT POSTURE	5°			15°		
PELVIC OBLIQUITY	3cm			5cm		
PELVIC AND THIGH WIDTH	SC -2"	HC -2" to +1"	SS -2"	SC -2"	HC -2" to +1"	SS -2"
LEG LENGTH	-3"			-3"		
LEG LENGTH DISCREPANCY	N/A			-1"		
PRODUCT WEIGHT (16" x 16")	1.6kg			2.0kg		

- These specifications define the standard range of adjustability offered by Constructa cushion models. Further adjustment or modifications can expand the adjustment range beyond these specifications.

# spex

Manufactured by Spex Ltd

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



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