



Pressure care cushions

Complete vertical air cell cushion range for pressure care



Complete cushion solution

The Star range of vertical air cell cushions and smart technology, powered by Kalogon, are an excellent addition to a program of care for pressure injury prevention, and everyday peace of mind.



Star vertical air cell technology

Star cushions feature vertical air cell technology designed specifically for individuals at high risk of pressure injuries. They are fully adjustable to suit the individual's weight, body shape and pressure redistribution needs.

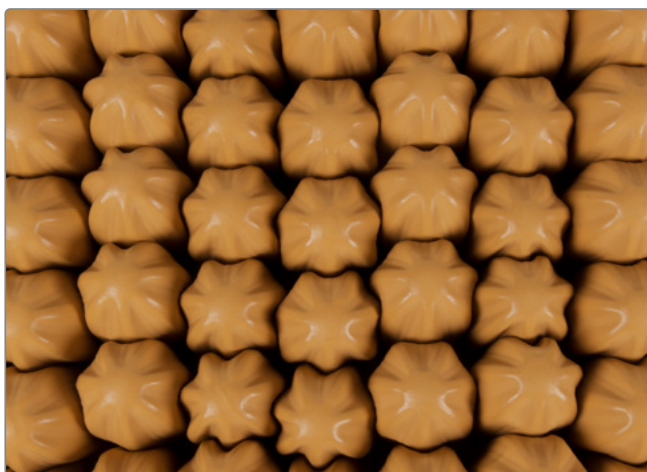
Star smart seating technology

Smart seating technology with Star Sentinel, powered by Kalogon, removes the need for hand pumping and hand checks. In combination with a single-chamber vertical air cell cushion you have a smart function cushion solution, enabling everyday peace of mind.



Interconnected vertical air cells

Star's interconnected vertical air cell design ensures internal cell pressures equalise as the user sits in the cushion. This equalisation of cell pressures automatically moves air away from high-pressure points and continues as the user moves in their seat. Star's vertical air cell construction also effectively reduces surface tension and enables excellent envelopment.



Maximum stability

The air cells are shaped for maximum stability. They are all heptagonal, which helps the cells to interlock and increases the cushions stability.

Durable and future proof

Star cushions are constructed of chloroprene, a synthetic rubber material, which makes them durable and future proof.

Chloroprene, a helpful substitute for natural rubber due to its toughness, longer lifespan than natural rubber, and is NOT made with latex rubber. Chloroprene is particularly suitable for vertical air cell cushions, which unlike PVC has elasticity, high resilience, and resistance to degradation and tearing.



Precision manufacturing

The Star range is manufactured with precision and consistency in mind.

The Star cushion range

The Star vertical air cell cushions are available in three different models to suit every user's need.



Standard Air

Standard Air is a simple single-air chamber cushion. Air is held throughout the cushion, which moves with the user, enabling continuous pressure redistribution.

The Standard Air cushion is designed for individuals at high risk of pressure injuries but with no other postural or stability needs.



StabilAir

StabilAir operates similarly to the Standard Air cushion, with an additional matrix of soft foam cylinders within the air cells. The user is supported by air, while the foam cylinders act as baffles. The foam baffles slow down air movement in the cushion as the user moves, increasing stability while allowing some air movement for continuous pressure redistribution.

This is the ideal solution for users who are used to the feel of a foam cushion but need the protection of a vertical air cell cushion.



StarLock

StarLock can work as a single air chamber cushion allowing individual setup for optimal pressure redistribution.

In addition, it is possible to lock air in each vertical air cell. The individual cell locking technology aids stability and allows individualised postural support. The StarLock cushion is suited for individuals who require air cell cushion but need maximum stability and/or postural support, e.g., pelvic obliquity, foot propulsion, amputation.



Star cushions come complete with a fitted cover, hand inflator pump, user manual and repair kit.



Covers

There are two types of covers, which are also available as accessories.



Standard cover

Cover in polyester and 4-way stretch. Breathable and flame resistant.

Machine wash 60° C, no bleach



Incontinence cover

Cover in nylon, and 4-way stretch. Breathable and flame resistant.

Machine wash 80° C, no bleach.

Star Standard Air

– Single chamber

Standard Air is a classic single chamber vertical air cell cushion with pressure redistribution qualities.

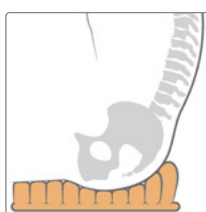
Free air flow

The Star Standard Air cushion can be adjusted to ensure the user is optimally immersed, thus enabling excellent pressure redistribution. The Standard Air's interconnected air cell structure creates a free airflow throughout the cushion, allowing it to adjust continuously to the user's body shape as they move in their seat.



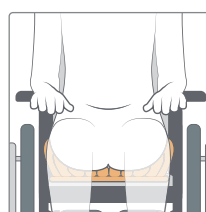
Compatible with Star Sentinel, powered by Kalogon.

Features and benefits



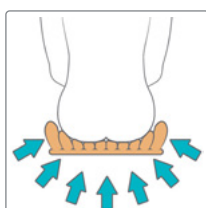
Vertical air cell

Interconnected vertical air cell cushions have a long history of being used for pressure redistribution due to high envelopment and immersive properties, and reduced surface tension.



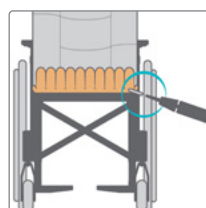
Adjustable

The air level can be adjusted and reset again and again to achieve to optimal amount of immersion for the individual.



Pressure redistribution

Standard Air's interconnected air cells ensure excellent pressure redistribution properties, continually readjusting to the user's shape as they move in their seat.



Single chamber

Single chamber entails only one valve adjustment. The Standard Air Cushion is ideal for easy handling.

Star StabilAir

– Slowed airflow for enhanced stability

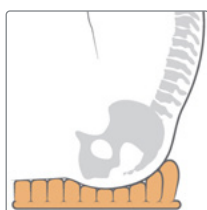
Slowed airflow enhancing stability

Each StabilAir cushion has two sizes of foam cylinders which are higher on the outside, while those under the buttocks, coccyx and legs are lower. The foam cylinders in the air cells function as baffles, slowing the movement of air and enhancing stability. The air pocket above the foam similarly enables effective pressure redistribution, just like all Star Cushions.



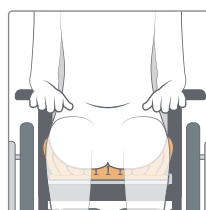
Compatible with Star Sentinel, powered by Kalogon.

Features and Benefits



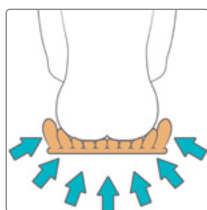
Vertical air cell

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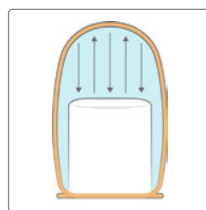
Adjustability

The air level can be adjusted and reset again and again to achieve to optimal amount of immersion for the individual.



Pressure redistribution

StabilAir's interconnected air cells ensure excellent pressure redistribution properties, continually readjusted to the user's shape as they move in their seat.



Foam baffles

Each cell has a built-in soft foam cylinder, which acts as a baffle, slowing air movement throughout the cushion to increase stability. In addition, the foam cylinders are higher on the side to maximise stability.

StarLock – No compromises

In air cell cushions, the combination of pressure redistributing qualities and stability have always been a difficult compromise – With StarLock, you can have both.

Pressure redistribution and postural Support

StarLock is the complete cushion solution for pressure care with pressure redistribution, stability and postural support. It is available in 5, 7.5, 10 and 13 cm cell height.

What ever the cell height, the sitting height will always be the same. However, the higher the cell, the greater the pressure redistribution.

The 13 cm cell height is unique to StarLock and offers greater immersion and envelopment.

Shaping, offloading and stability

StarLock Technology, provides the possibility to lock air into each vertical air cell making it possible to create a desired shape, offload localised pressure and increase stability, allowing for individualised postural support.

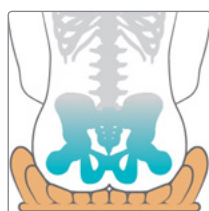
StarLock can be adjusted and reset again and again, making it very flexible over time.

It can be individually adjusted for optimal pressure redistribution.

Moreover, StarLock can also be used as a single chamber cushion, giving access to a 13 cm cell height for maximum immersion.

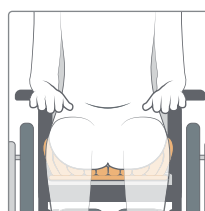


Features



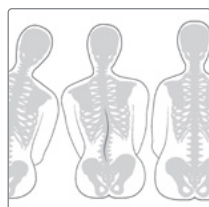
Pressure redistribution

StarLock is the only air cell cushion with a 13 cm cell height - that redistributes pressure over a larger surface, provides greater immersion into the cushion, and continually readjusts to the user's shape as they move in their seat.



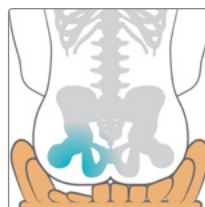
Adjustability

StarLock can be adjusted and reset again and again, making it very flexible over time. The user can remain seated throughout the assessment.



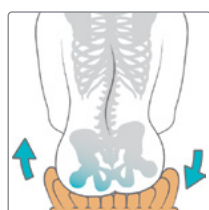
Shape for the individual

StarLock technology conforms to the user's body shape or desired position, which can help by locking the air into each cell. StarLock can meet the individual user's changing needs for support and shape.



Offloading

Locking down cells in a selected area of the cushion can relieve pressure to localised vulnerable areas.



Stability

The individual cell locking technology aids stability and allows individualised postural support.



Recondition and reuse

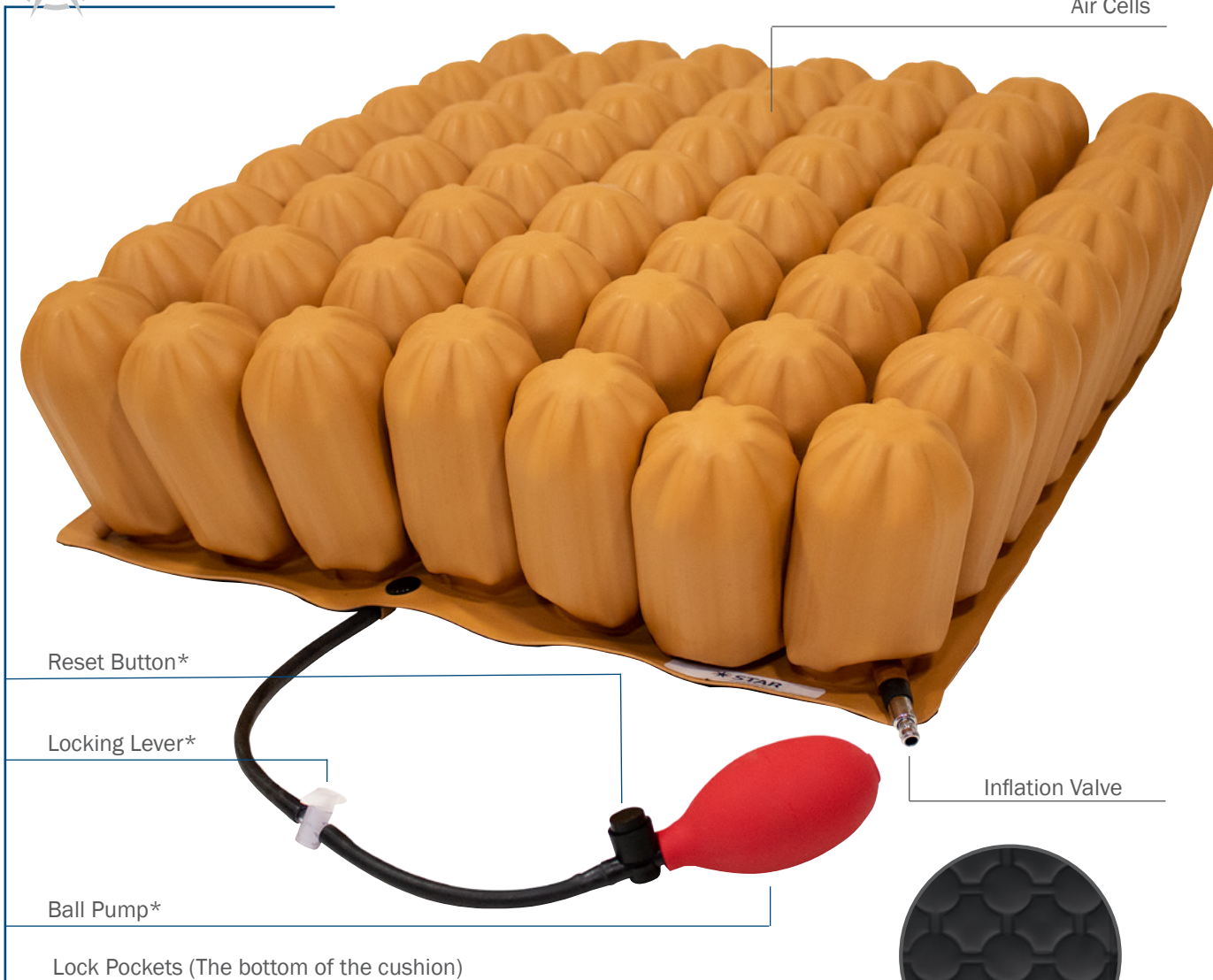
StarLock can always be washed and repaired, and it can be adjusted and disinfected as often as you want. Without locking the Lock Pockets, StarLock can also be used as a classic single chamber cushion.

Lock Pockets – the secret to StarLock





Air Cells



*Reset Button, Locking lever and Ball Pump are all for activate and deactivate the locking of the Lock Pockets.

StarLock cushion come complete with a fitted cover, hand pump, manual and repair kit.

Cover

Pocket for Ball Pump



Hand Inflation Pump

Star Sentinel, powered by Kalogon

Introducing Star Sentinel, powered by Kalogon, an air management system for Star vertical air cell cushions:

Sentinel is a vigilant guardian designed for active users and those with more complex needs. It effortlessly maintains optimal air pressure in vertical air cell cushions, enabling users to go about their daily lives with confidence.

Smart and easy-to-use technology

Sentinel’s smart, innovative and easy-to-use technology takes your experience to another level. Vertical air cell cushions can be set up directly from the Sentinel device or using an optional app, removing the need to use a hand pump. Sentinel will then automatically detect when the user is on the cushion and effortlessly maintain the clinically set level of air, giving peace of mind throughout the day, every day.

Sentinel - enable everyday simplicity and peace of mind.



Air management system

Once the clinical pressure level is set, Sentinel continuously monitors the cushion with its air management system, manages the pressure and automatically adjusts the level of air to environmental changes accordingly.



Alerts

Sentinel continuously monitors and adjusts the vertical air cell cushion throughout the day and will alert you to any issues detected.



Lightweight and compact

Sentinel’s light weight is similar to a mobile phone and is compact enough to fit neatly into the front pocket of Star cushions.



Optional app

For those who want control throughout the day, Sentinel comes with an optional app in which you can select settings that work for you.



Sentinel and StabilAir – The perfect combination

Sentinel and StabilAir make the perfect combination for a ‘go anywhere’ wheelchair seating cushion.

Together, they create a stable cushion solution that automatically adjusts to changes in environment or altitude.



Sentinel product page

Click or Scan the QR code to find more information about Sentinel on Sentinel product page, on etac.com

Product name	Item no.	Dimensions LxBxD	Weight
Sentinel, powered by Kalogon - EU unit	KA0501-ST-EU	114x55x37 mm	0,2 kg
Technical			
Battery: Lithium Ion 1,000 mAh	User Weight Limit: See cushion user manual.		
Charge time: 3 - 4 hours	Compatible with single chamber air cushions, e.g., Star Standard Air and StabilAir.		
Battery Life: 24 - 56 continuous hour			
Water resistance: IPX4			
App pairing method: Bluetooth			
<i>Leaks Detection: Sentinel can detect most perforating cushion damage up to 3mm in size. However, where micro-perforations leak very slowly due to the nature of neoprene to create a seal, Sentinel may not alert the user to a possible leak but will compensate for any loss of air.</i>			

Setting up Star cushions

Setting the Air Level

The air level of the Star cushions can be set easily following the user manual and animated video.

StarLock

Once the air level is set for StarLock, the air can then be locked into the individuals' cells. This can easily be done by following the user manual and animated video.

Quick Guide Standard Air and StabilAir

Click or Scan the QR code to watch the quick guide for setting the air level for Standard Air and StabilAir.

Quick Guide StarLock

Click or Scan the QR code to watch the quick guide for setting the air level for StarLock.



Star Cushions – Size guide

Standard Air Size Guide

Standard Air product page

Click or Scan the QR code to find more information about Standard Air on Standard Air product page, on etac.com



Standard Air	5 cm	10 cm	Seat width*
26 x 26 cm	ESSCS0909-1	ESSC0909-1	22 - 25 cm
26 x 30 cm	ESSCS0911-1	ESSC0911-1	22 - 25 cm
26 x 34 cm	ESSCS0913-1	ESSC0913-1	22 - 25 cm
30 x 26 cm	ESSCS1109-1	ESSC1109-1	26 - 30 cm
30 x 30 cm	ESSCS1111-1	ESSC1111-1	26 - 30 cm
30 x 34 cm	ESSCS1113-1	ESSC1113-1	26 - 30 cm
30 x 39 cm	ESSCS1115-1	ESSC1115-1	26 - 30 cm
34 x 26 cm	ESSCS1309-1	ESSC1309-1	31 - 35 cm
34 x 30 cm	ESSCS1311-1	ESSC1311-1	31 - 35 cm
34 x 34 cm	ESSCS1313-1	ESSC1313-1	31 - 35 cm
34 x 39 cm	ESSCS1315-1	ESSC1315-1	31 - 35 cm
34 x 44 cm	ESSCS1317-1	ESSC1317-1	31 - 35 cm
39 x 30 cm	ESSCS1511-1	ESSC1511-1	36 - 40 cm
39 x 34 cm	ESSCS1513-1	ESSC1513-1	36 - 40 cm
39 x 39 cm	ESSCS1515-1	ESSC1515-1	36 - 40 cm
39 x 44 cm	ESSCS1517-1	ESSC1517-1	36 - 40 cm
39 x 49 cm	ESSCS1519-1	ESSC1519-1	36 - 40 cm
39 x 53 cm	ESSCS1521-1	ESSC1521-1	36 - 40 cm
44 x 34 cm	ESSCS1713-1	ESSC1713-1	40 - 44 cm
44 x 39 cm	ESSCS1715-1	ESSC1715-1	40 - 44 cm
44 x 44 cm	ESSCS1717-1	ESSC1717-1	40 - 44 cm
44 x 49 cm	ESSCS1719-1	ESSC1719-1	40 - 44 cm
44 x 53 cm	ESSCS1721-1	ESSC1721-1	40 - 44 cm
49 x 39 cm	ESSCS1915-1	ESSC1915-1	44 - 49 cm
49 x 44 cm	ESSCS1917-1	ESSC1917-1	44 - 49 cm
49 x 49 cm	ESSCS1919-1	ESSC1919-1	44 - 49 cm
49 x 53 cm	ESSCS1921-1	ESSC1921-1	44 - 49 cm
53 x 39 cm	ESSCS2115-1	ESSC2115-1	49 - 54 cm
53 x 44 cm	ESSCS2117-1	ESSC2117-1	49 - 54 cm
53 x 49 cm	ESSCS2119-1	ESSC2119-1	49 - 54 cm
53 x 53 cm	ESSCS2121-1	ESSC2121-1	49 - 54 cm

* If placed on a wheelchair, the cushion base edges may fold upwards. Hence the difference between the base measurements and recommended seat width.

StabilAir size guide

StabilAir product page

Click or Scan the QR code to find more information about StabilAir on StabilAir product page, on etac.com



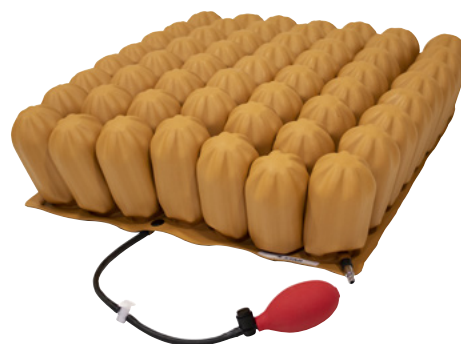
StabilAir	7.5 cm	10 cm	Seat width*
26 x 26 cm	ESSA30909-1	ESSA40909-1	22 - 25 cm
26 x 30 cm	ESSA30911-1	ESSA40911-1	22 - 25 cm
26 x 34 cm	ESSA30913-1	ESSA40913-1	22 - 25 cm
30 x 26 cm	ESSA31109-1	ESSA41109-1	26 - 30 cm
30 x 30 cm	ESSA31111-1	ESSA41111-1	26 - 30 cm
30 x 34 cm	ESSA31113-1	ESSA41113-1	26 - 30 cm
30 x 39 cm	ESSA31115-1	ESSA41115-1	26 - 30 cm
34 x 26 cm	ESSA31309-1	ESSA41309-1	31 - 35 cm
34 x 30 cm	ESSA31311-1	ESSA41311-1	31 - 35 cm
34 x 34 cm	ESSA31313-1	ESSA41313-1	31 - 35 cm
34 x 39 cm	ESSA31315-1	ESSA41315-1	31 - 35 cm
34 x 44 cm	ESSA31317-1	ESSA41317-1	31 - 35 cm
39 x 30 cm	ESSA31511-1	ESSA41511-1	36 - 40 cm
39 x 34 cm	ESSA31513-1	ESSA41513-1	36 - 40 cm
39 x 39 cm	ESSA31515-1	ESSA41515-1	36 - 40 cm
39 x 44 cm	ESSA31517-1	ESSA41517-1	36 - 40 cm
39 x 49 cm	ESSA31519-1	ESSA41519-1	36 - 40 cm
39 x 53 cm	ESSA31521-1	ESSA41521-1	36 - 40 cm
44 x 34 cm	ESSA31713-1	ESSA41713-1	40 - 44 cm
44 x 39 cm	ESSA31715-1	ESSA41715-1	40 - 44 cm
44 x 44 cm	ESSA31717-1	ESSA41717-1	40 - 44 cm
44 x 49 cm	ESSA31719-1	ESSA41719-1	40 - 44 cm
44 x 53 cm	ESSA31721-1	ESSA41721-1	40 - 44 cm
49 x 39 cm	ESSA31915-1	ESSA41915-1	44 - 49 cm
49 x 44 cm	ESSA31917-1	ESSA41917-1	44 - 49 cm
49 x 49 cm	ESSA31919-1	ESSA41919-1	44 - 49 cm
49 x 53 cm	ESSA31921-1	ESSA41921-1	44 - 49 cm
53 x 39 cm	ESSA32115-1	ESSA42115-1	49 - 54 cm
53 x 44 cm	ESSA32117-1	ESSA42117-1	49 - 54 cm
53 x 49 cm	ESSA32119-1	ESSA42119-1	49 - 54 cm
53 x 53 cm	ESSA32121-1	ESSA42121-1	49 - 54 cm

* If placed on a wheelchair, the cushion base edges may fold upwards. Hence the difference between the base measurements and recommended seat width.

StarLock size guide

StarLock product page

Click or Scan the QR code to find more information about StarLock on StarLock product page, on etac.com



StarLock	5 cm	7.5 cm	10 cm	Seat width*	StarLock	13 cm	Seat width*
26 x 26 cm	ESSL20909-1	ESSL30909-1	ESSL40909-1	22 - 25 cm	26 x 26 cm	ESSL51010-1	22 - 26 cm
26 x 30 cm	ESSL20911-1	ESSL30911-1	ESSL40911-1	22 - 25 cm	26 x 30 cm	ESSL51012-1	22 - 26 cm
26 x 34 cm	ESSL20913-1	ESSL30913-1	ESSL40913-1	22 - 25 cm	26 x 36 cm	ESSL51014-1	22 - 26 cm
30 x 26 cm	ESSL21109-1	ESSL31109-1	ESSL41109-1	26 - 30 cm	30 x 26 cm	ESSL51210-1	27 - 32 cm
30 x 30 cm	ESSL21111-1	ESSL31111-1	ESSL41111-1	26 - 30 cm	30 x 30 cm	ESSL51212-1	27 - 32 cm
30 x 34 cm	ESSL21113-1	ESSL31113-1	ESSL41113-1	26 - 30 cm	30 x 36 cm	ESSL51214-1	27 - 32 cm
30 x 39 cm	ESSL21115-1	ESSL31115-1	ESSL41115-1	26 - 30 cm	30 x 41 cm	ESSL51216-1	27 - 32 cm
34 x 26 cm	ESSL21309-1	ESSL31309-1	ESSL41309-1	31 - 35 cm	36 x 26 cm	ESSL51410-1	33 - 37 cm
34 x 30 cm	ESSL21311-1	ESSL31311-1	ESSL41311-1	31 - 35 cm	36 x 30 cm	ESSL51412-1	33 - 37 cm
34 x 34 cm	ESSL21313-1	ESSL31313-1	ESSL41313-1	31 - 35 cm	36 x 36 cm	ESSL51414-1	33 - 37 cm
34 x 39 cm	ESSL21315-1	ESSL31315-1	ESSL41315-1	31 - 35 cm	36 x 41 cm	ESSL51416-1	33 - 37 cm
34 x 44 cm	ESSL21317-1	ESSL31317-1	ESSL41317-1	31 - 35 cm	36 x 46 cm	ESSL51418-1	33 - 37 cm
39 x 30 cm	ESSL21511-1	ESSL31511-1	ESSL41511-1	36 - 40 cm	41 x 30 cm	ESSL51612-1	38 - 43 cm
39 x 34 cm	ESSL21513-1	ESSL31513-1	ESSL41513-1	36 - 40 cm	41 x 36 cm	ESSL51614-1	38 - 43 cm
39 x 39 cm	ESSL21515-1	ESSL31515-1	ESSL41515-1	36 - 40 cm	41 x 41 cm	ESSL51616-1	38 - 43 cm
39 x 44 cm	ESSL21517-1	ESSL31517-1	ESSL41517-1	36 - 40 cm	41 x 46 cm	ESSL51618-1	38 - 43 cm
39 x 49 cm	ESSL21519-1	ESSL31519-1	ESSL41519-1	36 - 40 cm	41 x 51 cm	ESSL51620-1	38 - 43 cm
39 x 53 cm	ESSL21521-1	ESSL31521-1	ESSL41521-1	36 - 40 cm	41 x 56 cm	ESSL51622-1	38 - 43 cm
44 x 34 cm	ESSL21713-1	ESSL31713-1	ESSL41713-1	40 - 44 cm	46 x 36 cm	ESSL51814-1	43 - 49 cm
44 x 39 cm	ESSL21715-1	ESSL31715-1	ESSL41715-1	40 - 44 cm	46 x 41 cm	ESSL51816-1	43 - 49 cm
44 x 44 cm	ESSL21717-1	ESSL31717-1	ESSL41717-1	40 - 44 cm	46 x 46 cm	ESSL51818-1	43 - 49 cm
44 x 49 cm	ESSL21719-1	ESSL31719-1	ESSL41719-1	40 - 44 cm	46 x 51 cm	ESSL51820-1	43 - 49 cm
44 x 53 cm	ESSL21721-1	ESSL31721-1	ESSL41721-1	40 - 44 cm	46 x 56 cm	ESSL51822-1	43 - 49 cm
49 x 39 cm	ESSL21915-1	ESSL31915-1	ESSL41915-1	44 - 49 cm	51 x 41 cm	ESSL52016-1	48 - 53 cm
49 x 44 cm	ESSL21917-1	ESSL31917-1	ESSL41917-1	44 - 49 cm	51 x 46 cm	ESSL52018-1	48 - 53 cm
49 x 49 cm	ESSL21919-1	ESSL31919-1	ESSL41919-1	44 - 49 cm	51 x 51 cm	ESSL52020-1	48 - 53 cm
49 x 53 cm	ESSL21921-1	ESSL31921-1	ESSL41921-1	44 - 49 cm	51 x 56 cm	ESSL52022-1	48 - 53 cm
53 x 39 cm	ESSL22115-1	ESSL32115-1	ESSL42115-1	49 - 54 cm	56 x 41 cm	ESSL52216-1	53 - 59 cm
53 x 44 cm	ESSL22117-1	ESSL32117-1	ESSL42117-1	49 - 54 cm	56 x 46 cm	ESSL52218-1	53 - 59 cm
53 x 49 cm	ESSL22119-1	ESSL32119-1	ESSL42119-1	49 - 54 cm	56 x 51 cm	ESSL52220-1	53 - 59 cm
53 x 53 cm	ESSL22121-1	ESSL32121-1	ESSL42121-1	49 - 54 cm	56 x 56 cm	ESSL52222-1	53 - 59 cm

* If placed on a wheelchair, the cushion base edges may fold upwards. Hence the difference between the base measurements and recommended seat width.



Etac is a world-leading developer of innovative assistive devices and patient handling equipment. Since 1973, we have been committed to improving quality of life for the individual, family members and caregivers.

For the products' intended purpose and latest information, please visit www.etac.com

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