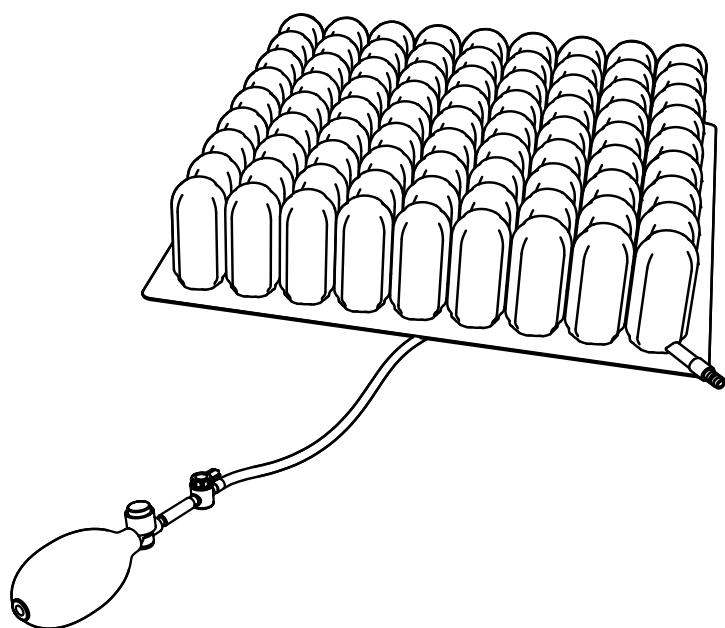


en sv no da de fi fr nl it es pt hr



8-9 9-11 11-12 12-14 14-16 16-17 17-19 19-21 21-23 22-24 24-26 26-28



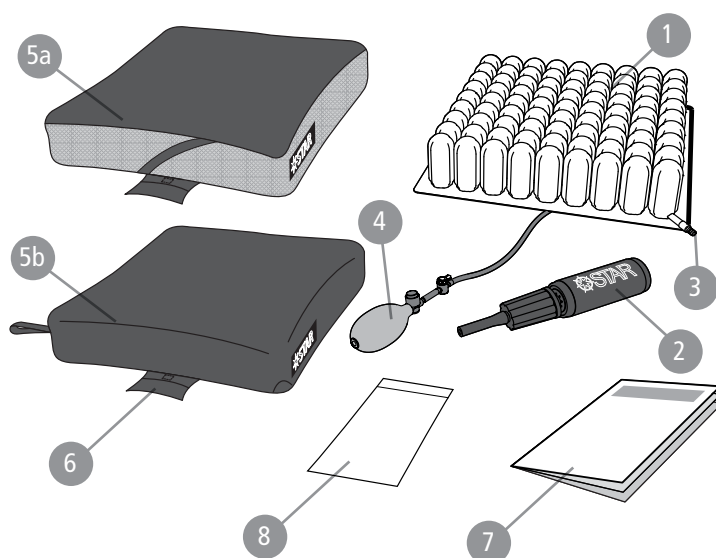
StarLock 5 cm/2"

StarLock 7.5 cm/3"

StarLock 10 cm/4"

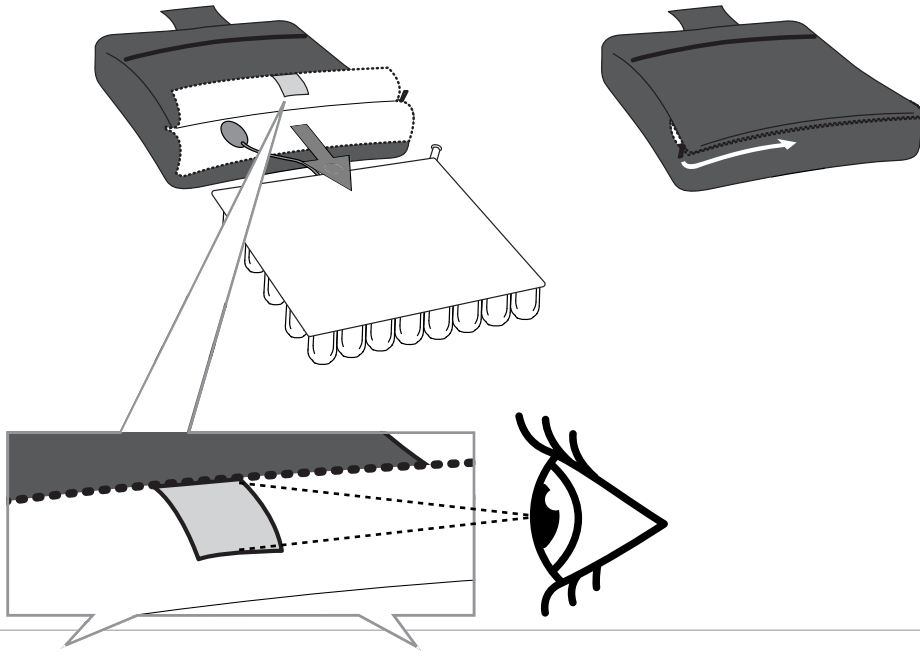
StarLock 13 cm/5"

A



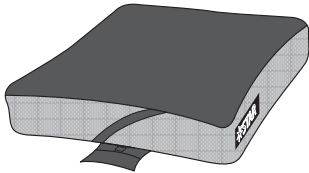
B

1

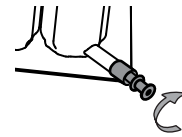
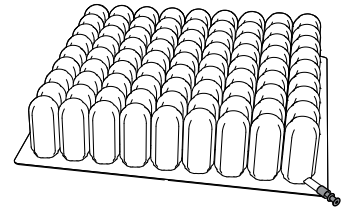
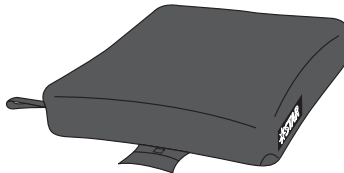


2

Standard cover



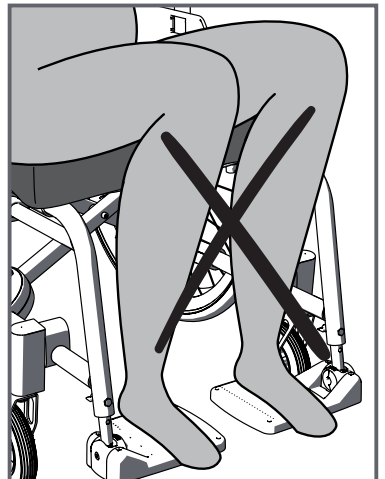
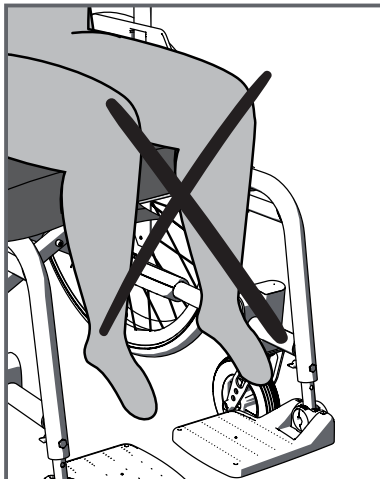
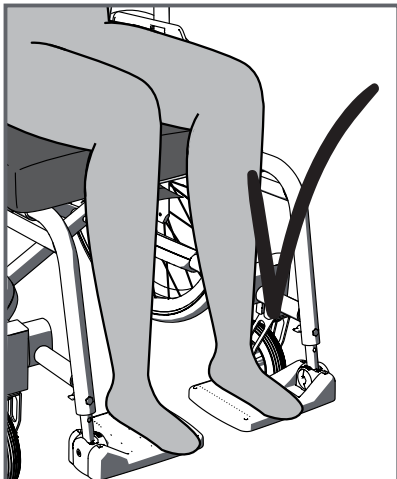
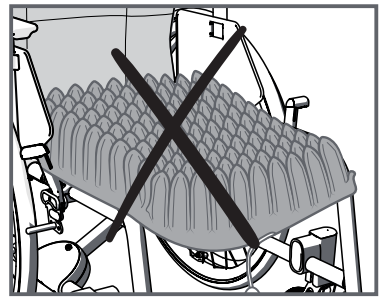
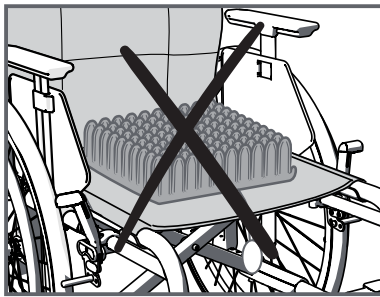
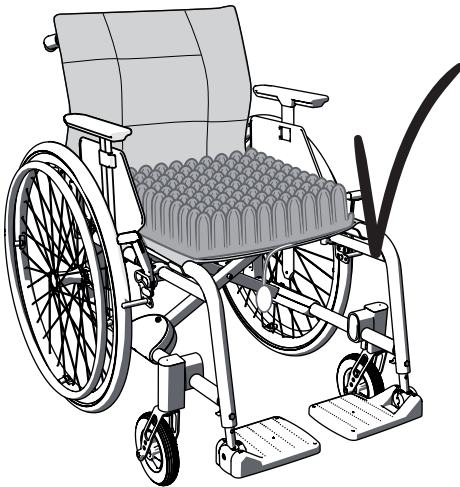
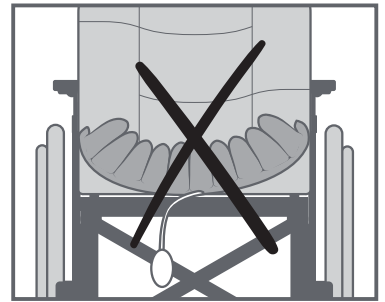
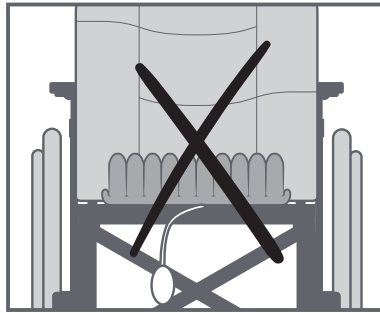
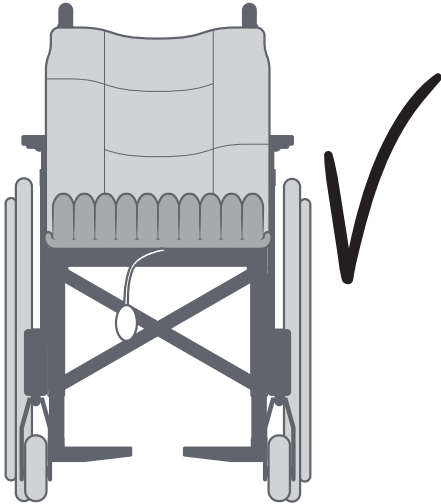
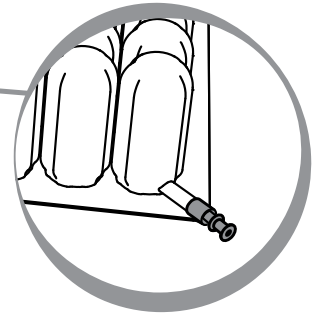
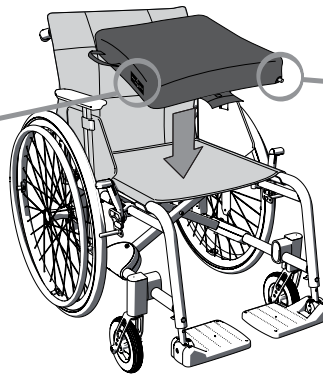
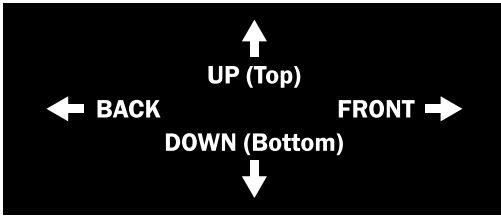
Inco cover



3

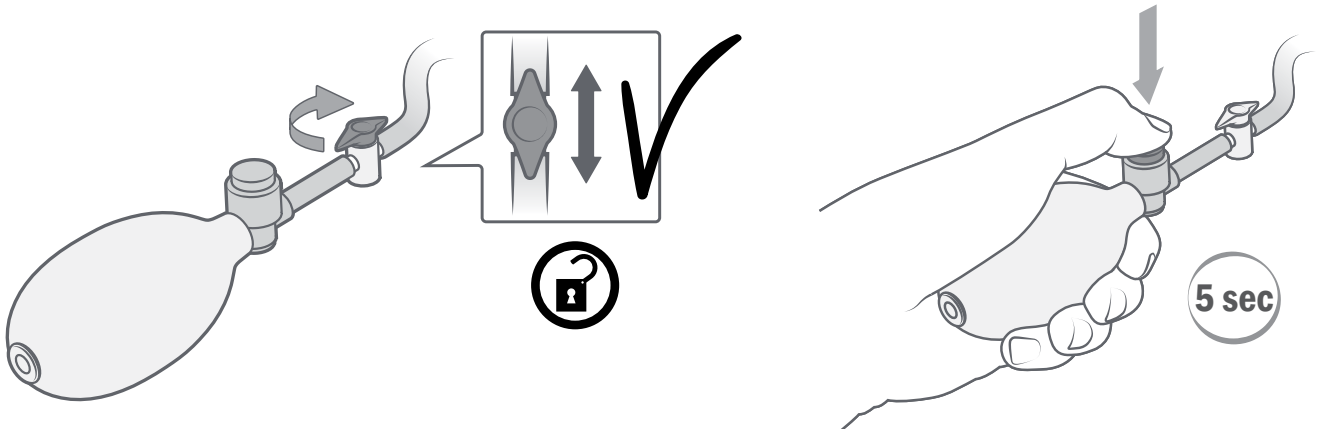


C

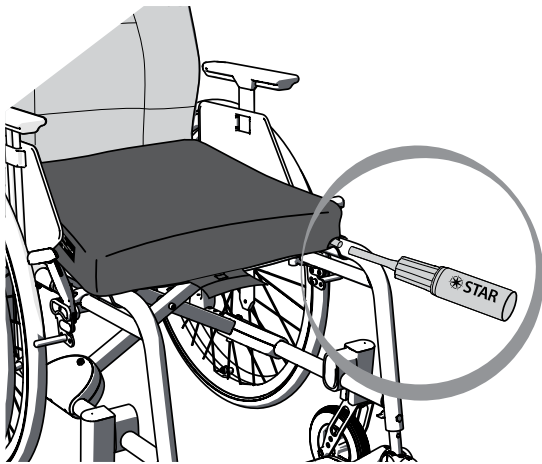


D

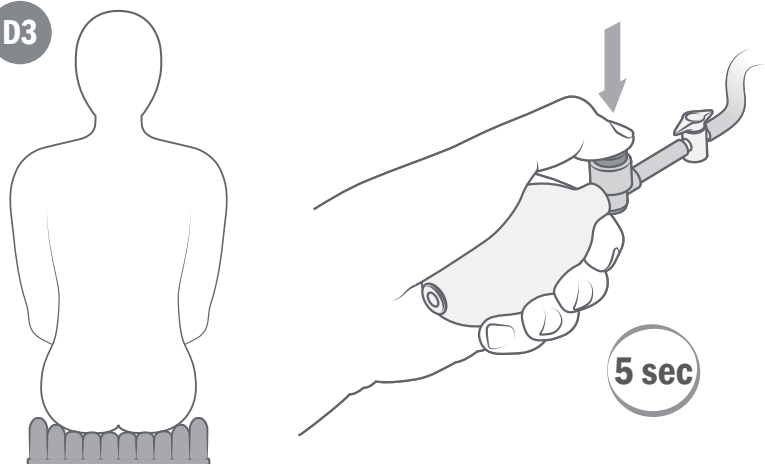
D1



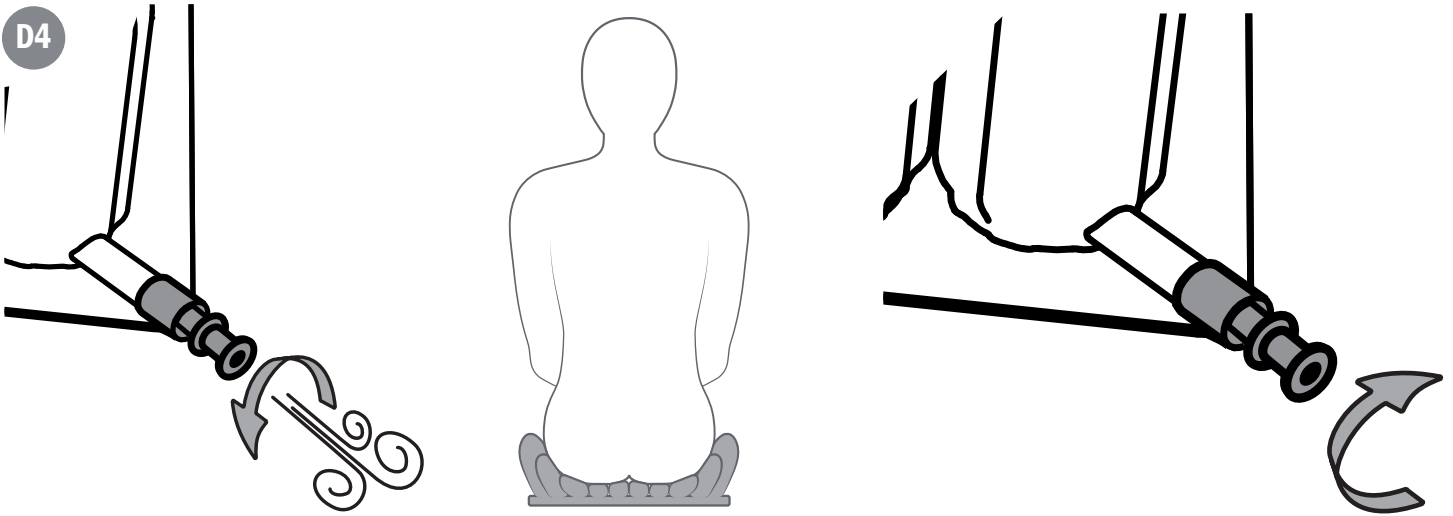
D2



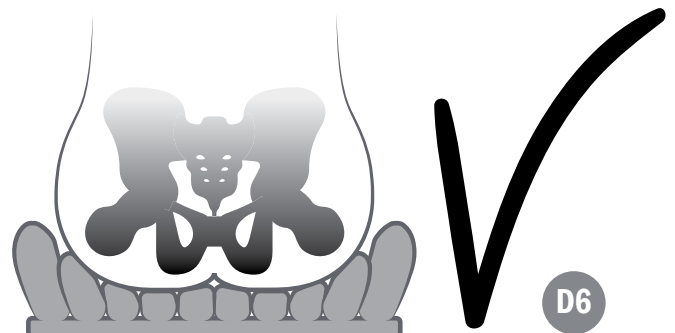
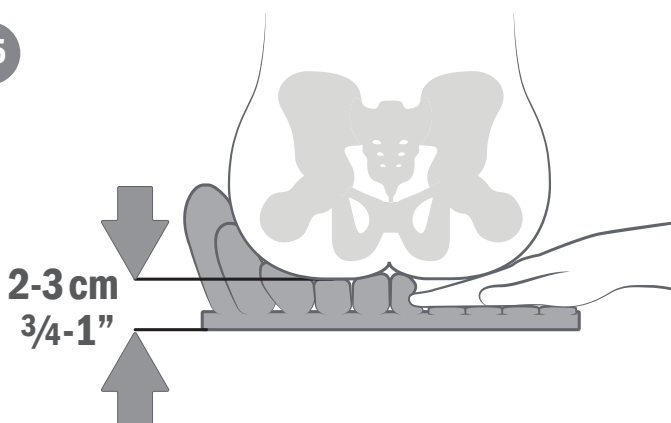
D3



D4

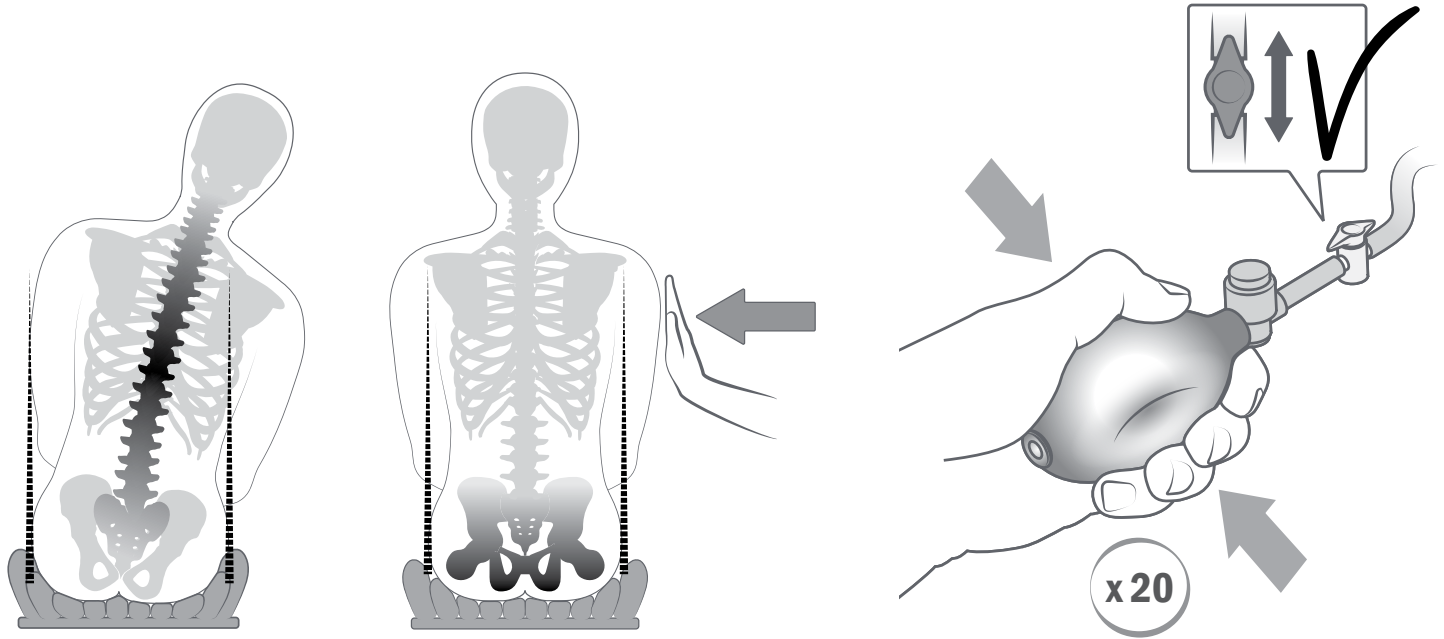


D5

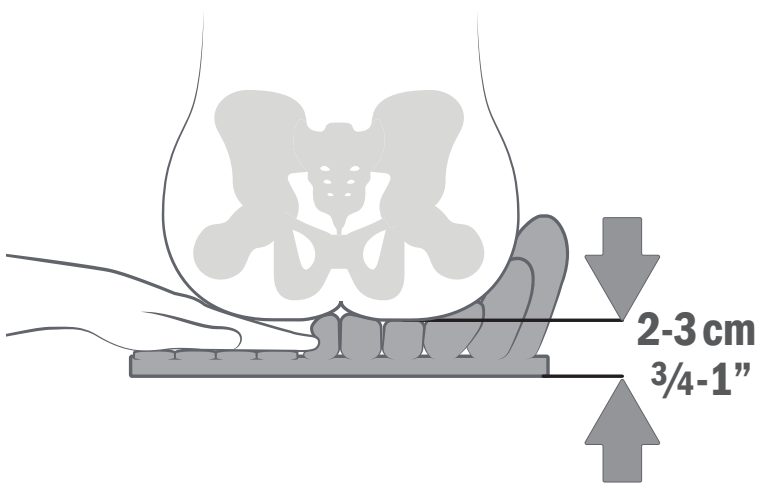


E

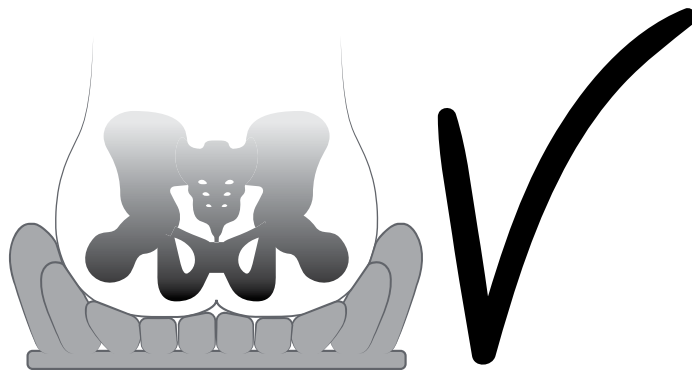
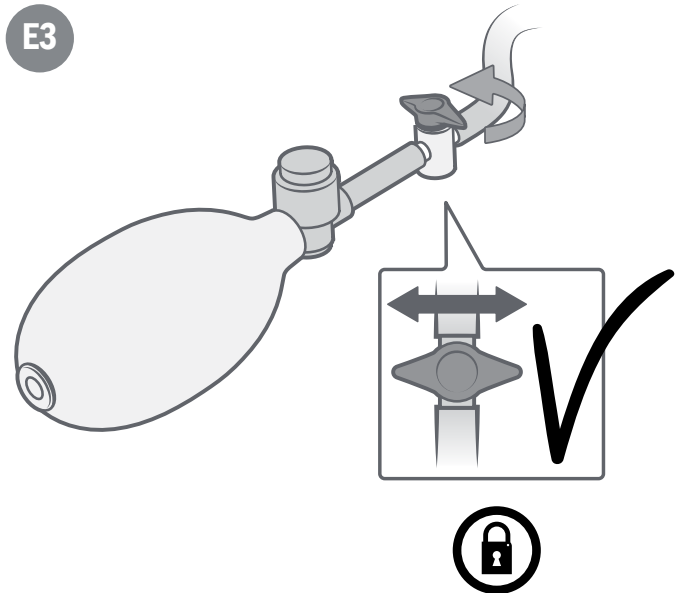
E1



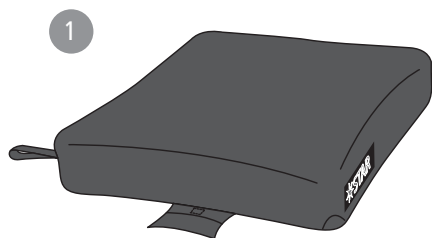
E2



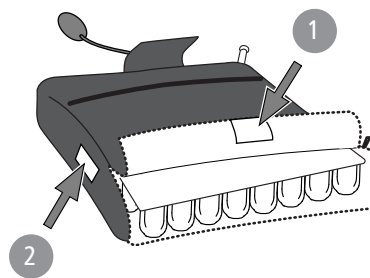
E3



F

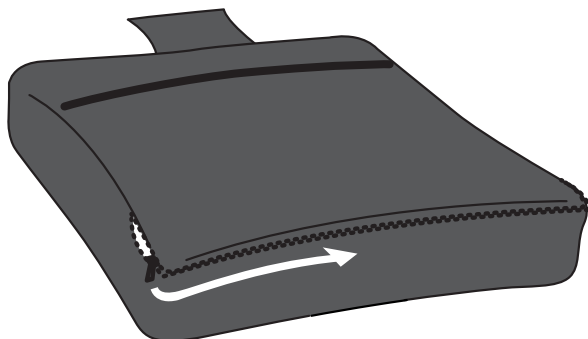


G

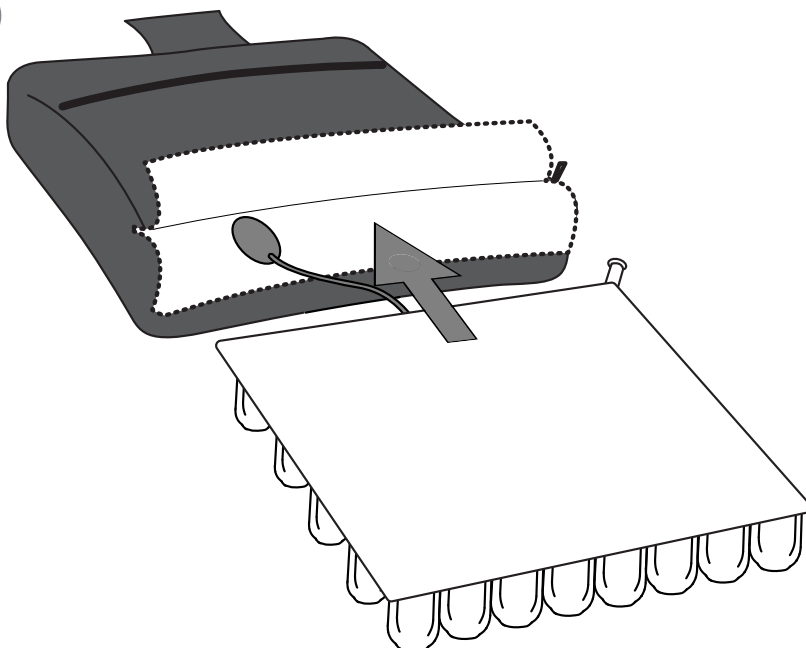


H

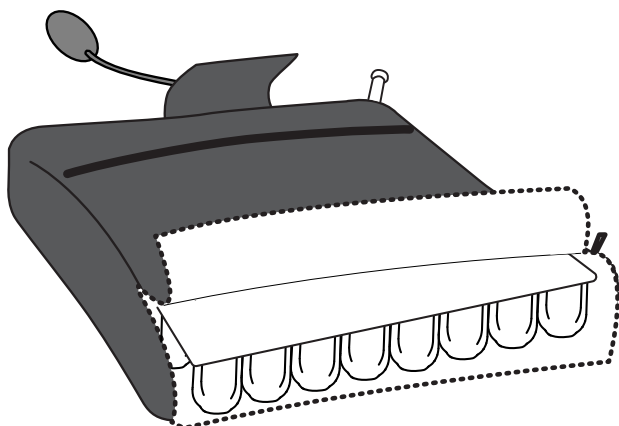
H1



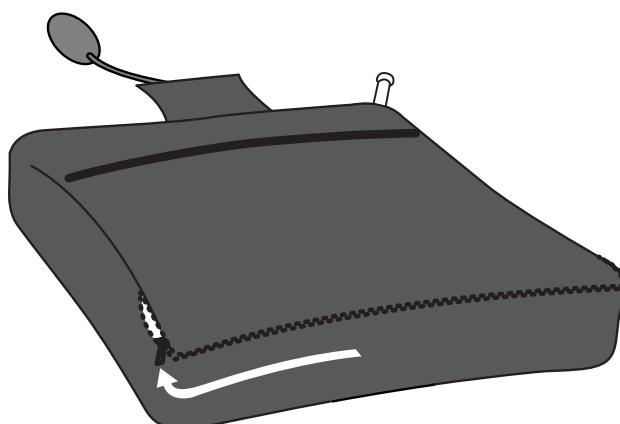
H2

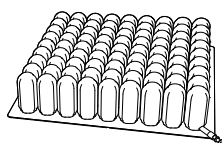


H3



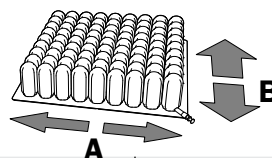
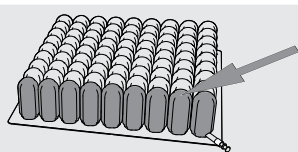
H4





StarLock (SL2)	50 mm (2")	1.18 kg (2,6 lbs) *
StarLock (SL3)	75 mm (3")	1.43 kg (3,2 lbs) *
StarLock (SL4)	100 mm (4")	1.5 kg (3,3 lbs) *
StarLock (SL5)	130 mm (5")	1.76 kg (3,9 lbs) *

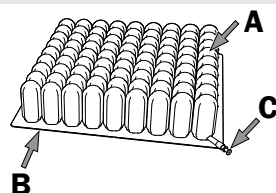
* en 9 x 9 air cells cushions / sv dynor med 9 x 9 luftceller / no 9 x 9 luftcelleputer / da 9 x 9 luftcellepuder / de 9 x 9 Luftzellenkissen / fi 9 x 9 ilmakennotyynyä / fr Coussins à cellules pneumatiques 9 x 9 / nl 9 x 9 luchtcelkussens / it Cuscini a celle d'aria 9 x 9 / es Cojines de celdas de aire 9 x 9 / pt 9 x 9 almofadas de células de ar / hr 9 x 9 jastuka sa zračnim ćelijama



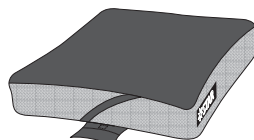
50 mm, 75 mm, 100 mm
(2", 3", 4")

130 mm (5")

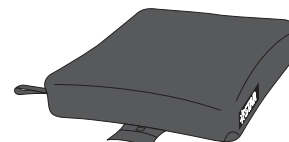
	A	B	A	B
6	300 mm / 11.75"	300 mm / 11.75"	360 mm / 14.25"	360 mm / 14.25"
7	340 mm / 13.5"	340 mm / 13.5"	410 mm / 16.25"	410 mm / 16.25"
8	390 mm / 15.5"	390 mm / 15.5"	460 mm / 18"	460 mm / 18"
9	440 mm / 17.25"	440 mm / 17.25"	510 mm / 20"	510 mm / 20"
10	490 mm / 19.25"	490 mm / 19.25"	560 mm / 22"	560 mm / 22"
11	530 mm / 21"	530 mm / 21"	610 mm / 24"	610 mm / 24"
12	580 mm / 22.75"	580 mm / 22.75"		



Standard cover



Incontinence cover



	A. Chloroprene B. Polyurethane C. Electroplated copper	Polyester/Polyurethane	Polyamide
en	A. Chloropren B. Polyuretan C. Galvaniserad koppar	Polyester/Polyuretan	Polyamid
sv	A. Kloropren B. Polyuretan C. Elforsinket kobber	Polyester/polyuretan	Polyamid
no	A. Chloropren B. Polyuretan C. Elektropletteret kobber	Polyester/Polyurethan	Polyamid
da	A. Kloropreeni B. Polyuretaani C. Galvanoitu kupari	Polyesteri/polyuretaani	Polyamidi
fi	A. Chloroprène B. Polyuréthane C. Cuivre galvanisé	Polyester/Polyuréthane	Polyamide
fr	A. Chloropreen B. Polyurethaan C. Gegalvaniseerd koper	Polyester/polyurethaan	Polyamide
nl	A. Cloroprene B. Poliuretano C. Rame galvanizzato	Poliestere/poliuretano	Poliammide
it	A. Cloropreno B. Poliuretano C. Cobre galvanizado	Poliéster/poliuretano	Poliamida
es	A. Cloropreno B. Poliuretano C. Cobre eletrogalvanizado	Poliéster/poliuretano	Poliamida
pt	A. Kloropren B. Poliuretán C. Elektroplatirani bakar	Poliester/poliuretán	Poliamid
hr			

General

Thank you for choosing an Etac product. In order to avoid damage during assembly, handling and use, it is important to read this manual and save it for future reference. You can also find it at www.etac.com. You can select your language via the "International" and "Local websites" link. Here you will also find other product documentation, such as prescriber information, pre purchase guide, and reconditioning instructions.

In the manual, the user is the person sitting on the cushion. The carer is the person helping the user.

Information on how people with impaired vision can get access to the manual can be found in our pre-sales information guide in www.etac.com.

Etac is continuously improving its products. We therefore reserve the right to change the products without prior notice. The dimensions given in the drawings or other materials are only indicative.

We will not be responsible for printing errors and incompleteness.

Product description

Starlock cushion (hereafter also referred to as 'the product') is a vertical air cell cushion, which is manually adjustable to suit an individual's weight, body shape, and their pressure redistribution, postural and offloading requirements.

Intended use

The product is intended to be used as a pressure injury prevention cushion in a wheelchair.

Intended user

Individual's at risk of pressure injuries. There is no minimum age or minimum/maximum weight limit on the product. The product can also be used by individuals with existing pressure injuries up to and including category 4 when used in-line with national and international guidelines, for example, EPUAP/NPIAP Best Practice Guidelines.

Limitations of use

The product must be properly sized for the user buttocks and thighs, and the wheelchair seat size. It must not be used as a seat in aeroplane.

Contraindications

There are no known contraindications.

Special Considerations

The assessment for and set up of the product should be carried out by a suitably qualified and experienced professional (e.g. physical/occupational therapist), including the appropriate adjustment of air to suit the individual's pressure and postural needs. For category 3 and 4 pressure injuries, 10 cm or 13 cm heights should be used. Consider using the product's individual cell locking capabilities to offload localised pressure from vulnerable or damaged skin to allow for natural wound healing. Training is available from Etac upon demand.

CE-marking, tests

The product conforms to the requirements of the Medical Devices Regulation (EU) 2017/745.

Delivery content, description Figure A

1. Seat cushion with air cells. 2. Hand inflation pump. 3. Inflation valve. 4. Ball pump with safety valve and release button. 5. Cover

(a. standard or b. incontinence cover). 6. Pocket for ball pump. 7. User manual. 8. Repair kit.

Cleaning Figure B

1. Remove the cover, turn inside out and close the zipper.

2. Washing

Standard cover (see cover label for model):

Machine wash in warm water, maximum 60°C/140°F. Use a mild detergent. Do not bleach. Rinse in cold water and tumble dry on low temperature or line dry.

Incontinence cover (see cover label for model):

As above but maximum 80°/176°F.

The cushion:

Before cleaning/disinfecting, remove the cover and wash separately (see step 2, 'Washing'). Close the inflation valve. Clean the cushion by hand with soap, bicarbonate or vinegar. Or, machine wash in 60°/140°F for maximum 10 min. Use a mild detergent. Rinse in cold water. After rinsing, overinflate the cushion and leave to air dry for 24 hours, or dry in a drying cabinet on low heat. N.B. The cushion must be filled with some air when washing in machine. Mesh laundry bags that are big enough to loosely fit around the cushion, can be used if additional protection is desired during machine washing.

3. Disinfection

Standard Cover:

Standard cover can only be washed (see "2. Washing, standard cover"). If disinfection is needed, we recommend to use incontinence cover.

Incontinence cover:

Use a 70% alcohol-based disinfectant solution or a chlorin based solution, maximum 5000 ppm. Rinse in cold water and tumble dry on low temperature or line dry.

The cushion:

Use a 70% alcohol-based disinfectant solution or a chlorin based solution, maximum 5000 ppm. Rinse in cold water and dry (see washing cushion).


Guarantee, lifetime


2-years guarantee (cushion) and 6-months guarantee (cover) against material and manufacturing defects. For terms and conditions, see www.etac.com.


Service life of 5 years based on typical use by a single user. For complete information regarding the service life of the product, see www.etac.com.


Storage


The product should be stored indoors in a dry place at a temperature above 5°C. If the product has been stored for a long time (more than four months), its function must be checked by an expert before use.


 **Check inflation of the seat cushion:** At least once per day.


 **Check skin:** Check skin frequently, at least once per day. Skin and soft tissue breakdown can occur due to many reasons, which may vary by individual. Redness, bruising, or discolored skin may indicate the beginning of soft tissue or skin breakdown. If this occurs, consult with a clinician immediately.


 **Cushion and cover matching:** The cushion and cover must be compatible sizes and must be used as directed in this manual (Instructions for Use). If they are not, the benefits provided by the cushion may be decreased or eliminated, which increases risk to the skin and/or soft tissue. Further, it may increase the risk of instability and falling. Never use the cushion without a cover.


 **Cushion and cover orientation:** A Star Cushion must be used with the air cells facing up according to this manual. If the cushion is not facing up, or the cover is not used correctly, it may reduce or eliminate the cushions' benefits and could increase risk to the skin and other soft tissue.


 **Under-inflation:** DO NOT USE an under-inflated product. Ensure the user is not resting on the base or bottom of the cushion, as it can result in peak pressure areas. Prolonged exposure to peak pressures could increase risk of breakdown to the skin and other soft tissue.

 **Over-inflation:** DO NOT USE an over-inflated product. If the cushion remains over-inflated for daily use, the body will not immerse into the air cells, which may reduce or eliminate the product's benefits, and increase risk of break down to the skin and other soft tissue.

 **Locking (one user):** Do not allow anyone else to use and lock your cushion. This cushion is designed to conform to your body shape when immersed, and stay in that shape once locked. Allowing another person to use your cushion and lock it could cause inconsistent pressure points, resulting in an increased risk of breakdown to the skin or other soft tissue.

 **Safety valve:** Always make sure the safety valve is turned to form an "X" with the tubing when locked. If the safety valve is 'in line' with the tubing, your lock could be accidentally released, resulting in a risk of instability or improper inflation.

 **Climate:** If a cushion has been in temperatures less than 32° F / 0°C and exhibits unusual stiffness, allow the cushion to warm to room temperature. Then, knead the cushion with your hands, or roll up the cushion and then unroll it (with the valve open) until the chloroprene is soft and pliable again. Repeat proper adjustment instructions before using. Avoid extreme heat and keep away from heat sources, hot ashes, open flames or direct sunlight.

 **Pressure:** Changes in altitude may require you to readjust your cushion for proper inflation. Check inflation each time you change altitude. Never use the cushion on an aircraft seat.

Puncture: In order to prevent your cushion from being punctured, keep your cushion away from sharp objects and clawed pets.

Handling: DO NOT attempt to carry your cushion by the valve or bulb pump or pull your cushion by the valve. Carry your cushion by the cover's handle, or lift underneath the base of the cushion to carry.

Instability/Fall hazard: DO NOT use your cushion in conjunction with, or place on top of any other products or materials, except as listed in the Intended Use section. This may result in instability and/or falls.

In case of an adverse event occurred in relation to use of the device, it should be reported to the organisation that supplied you the cushion, e.g. dealer and the national competent authority in a timely manner. The local dealer will forward information to the manufacturer.

Positioning of the cushion [Figure C](#)

Set up and assess [Figure D](#)

1. Deflate the lockpockets:
Check that the locking lever is turned parallel with the tube (open).
Press the reset button for 5 seconds to deflate the cell lockpockets.
2. Inflate the cushion by opening the inflation valve (counterclockwise) and pump up the cushion using the hand inflation pump. Lock the valve (turn clockwise).
3. Transfer the user on to the cushion. Ensure that the lockpockets are empty (repeat step 1).
4. Open the inflation valve and let the user immerse into the cushion by letting air out. Close the valve.
5. Perform a hand check to ensure 2–3 cm distance between the base of the cushion and the user's lowest bony prominence. If needed, let more air out. And if too much air has been let out, it can easily be topped up using the hand inflation pump.

Positioning of the user [Figure E](#)

1. Position the user. When you are satisfied with the shape of the cushion and have positioned the user in an as upright and supported position as possible, apply the StarLock technology by squeezing the ball pump until there is resistance. The number of pumps depends on the size of the cushion.
2. Perform again the hand check to secure the position is safe.
3. Turn the locking lever to lock the setting and place the ball pump in the pocket.

Accessories [Figure F](#)

1. Incontinence cover.

Label placement..... [Figure G](#)

1. Product label (warnings, CE-marking ser. no., manufacturing date). The product's date of manufacture can be read from the barcode on the product. The number 11 is shown below the barcode in brackets. The number combination after these brackets is the date of manufacture.

2. Positioning label

Attach/remove cover [Figure H](#)

Technical data [Figure I](#)

Troubleshooting

Not holding air:

1. Open the inflation valve by turning counterclockwise and add air to the cushion using your black hand inflation pump.
2. Close the valve tightly by turning clockwise. If still not holding air:
3. Visibly check to see if there are any holes. If no holes are visible, immerse cushion (with the valve tightly closed) in sink or tub of water and look for air bubbles.
 - If pin-hole sized holes are found, use the repair kit that came with your product and follow the repair kit instructions.
 - If large holes or other leaks are found, see 'Guarantee, lifetime section'.

Uncomfortable/Unstable:

- Make sure cushion is not over-inflated. (see section 'Positioning of the user').
- Make sure the air cells and the cover's stretch top are facing "UP".
- Make sure cushion is not too big or too small for the wheelchair.

Allow the user to sit on the cushion for a minimum of one hour to get use to the texture of the product's surface and immersion into the air cells.

Basic repair instructions

Small puncture holes can be patched.

1. Moderately inflate cushion.
2. Place cushion under water and watch for stream of air bubbles flowing from the cushion (this is the hole you need to patch).
3. Circle the area with a permanent marker or ink pen.
4. Allow area to thoroughly dry.
5. Roughen area around hole with abrasive pad.
6. Remove all loose particles and make sure area presents roughened appearance.
7. IMPORTANT! Be sure area is clean and dry before proceeding to next step.
8. Peel off backing from patch.
9. Apply patch, pressing firmly, especially around edges.
10. Wait for ten minutes for patches to cure.

before inflating cushion.