

INSTALLATION & USER MANUAL



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2.0 IMPORTANT INFORMATION

STOPUS is a handmade seat cushion designed to provide pelvic stability and pressure management for individuals with postural asymmetry and skin integrity concerns.

STOPUS main structure consists in an assemblage of foams of various specification (density, firmness, layering) to ensure an optimal pressure redistribution.

STOPUS has two waterproof barriers: an inner vinyl sealed envelop that protects the main foam structure and an outer cover made of a combination of fire retardant fabrics with an anti-slip property for an optimal pelvic posture.



WARNING : The word 'WARNING' indicates a potentially hazardous situation which, if not avoided, could result in death or serious injury.



CLINICIAN/DEALER :

The **Installation & User Manual** contains instructions for the use of foam cushion products.

It is very important that you read and understand all instructions prior to the installation & care of this product. Failure to adhere to instructions and warnings in this document may result in property damage, injury, or death. Product misuse due to failure of the following instructions will void the warranty.

Positech innovation Inc. accepts no liability for personal injury or damage to property that may arise from the failure of the user or other persons to follow the recommendations, warnings, and instructions in this manual.

Check ALL parts for shipping damage. If shipping damage is noted, DO NOT use. Contact carrier/dealer for further instruction.

At the delivery & installation, this Manual must be given the end-user/caregiver with the product.

Inform the User to immediately discontinue use if any function is compromised or signs of excessive wear is observed. Consult with Positech innovation for repair, adjustment, or replacement.



USER/CAREGIVER :

Positech innovation Inc. recommends that a clinician experienced in seating and positioning be consulted to determine if a STOPUS is appropriate for your specific needs. Cushions should only be installed by an authorized Positech innovation dealer or a professional clinician.

Your STOPUS was designed for postural support and sitting comfort. Prior to prolonged sitting, any cushion should be tried for a few hours at a time while a clinician inspects your skin to ensure that red pressure spots are not developing. The clinical indicator of tissue breakdown is skin redness. Therefore, users should inspect their skin daily for redness. If your skin develops redness, discontinue the use of the seat cushion immediately and see your clinician.

Before using this cushion, you and each person who may assist you, should read this entire **Installation & User Manual** and make sure to follow all guidelines. If this document contains information that you cannot understand, please contact your dealer for directives.

Positech innovation products are specifically designed and manufactured for use in conjunction with Positech innovation accessories. Accessories designed by other manufacturers have not been tested by Positech innovation and are not recommended for use with Positech innovation products.

Do not install this equipment without first reading and understanding this manual. If you are unable to understand the Warnings, Cautions, and/or Instructions, contact a qualified clinician or dealer – otherwise injury or damage may occur.

Installing a cushion on a wheelchair may affect the center of gravity of the wheelchair. Installed incorrectly, it may cause the wheelchair to tip backwards, potentially resulting in injury. Always assess if the addition of anti-tips, and/or an amputee axle adapter brackets may be needed to help increase stability after adding a cushion.

As no seat cushion can completely eliminate sitting pressure or prevent pressure sores, STOPUS is designed to help reduce pressure but is NOT designed for use in the treatment of pressure sores, or for those individuals at risk of developing pressure sores. Also, STOPUS is not a substitute for good skin care including, proper diet, cleanliness, and regular pressure relief. The clinician should be notified if you have any questions regarding pressure relief.

Hook and loop Velcro® should not come into prolonged contact with moisture as this may degrade the adhesive and lead to a failure of the Velcro® to hold the cushion in place. Be sure that the Velcro® is engaged and able to hold the cushion in place.

Always avoid exposing your cushion to sharp objects, excessive heat or open flame, and prolonged exposure to environmental conditions like freezing temperatures and/or direct sunlight. For instance, if the cushion is left at temperatures below 50°F (10°C), allow to warm to room temperature before using. To sit on cold surfaces can cause skin damage.

Make sure that there are never any obstructions between you and the cushion. Any obstruction will reduce product effectiveness and/or produce unnecessary pressure points for the user.

STOPUS must always be used with the 2-fabric side cover facing up and the Velcro strips facing down towards the seating surface of the wheelchair. If the cover is not used correctly it may reduce/eliminate the cushion's benefits and could increase the risk of skin and soft tissue injuries.

3.0 WARRANTY & LIMITATION OF LIABILITY

Each STOPUS seat cushion is carefully handmade in Canada, inspected and tested to provide peak performance. This warranty is not transferable and only applies to the first consumer purchase of the product through an authorized Positech innovation dealer.

Every seat cushion is guaranteed to be free from defects in materials and workmanship for a period of two (2) years from the date of purchase, provided NORMAL use. Should a defect in materials or workmanship occur within two (2) years from the original date of purchase, Positech innovation will, at its option, repair or replace it without charge.

This warranty does not apply to cushions abused or misused by the user and deemed such by Positech innovation.

This warranty does not apply to items which may require replacement due to normal wear and tear, punctures, or burns, nor to both covers (sealed inner cover and removable outer cover). The covers' warranties against manufacture defects are for 3 months for date of purchase.

This warranty excludes all circumstances beyond the control of Positech innovation, labor, service calls, shipping, and other charges incurred for repair/modification to any part of the product, unless specifically authorized, IN ADVANCE, by Positech innovation. Exclusions also include components with damage caused by exposure to moisture and/or <act of nature> (ex. Flood, Earthquake, Tornado, etc.)

Claims and repairs should be processed through the nearest authorized dealer.

Except for express warranties made herein, all other warranties, including implied warranties of merchantability and not warranties which extend beyond the description on the face hereof. Remedies for breach of express warranties herein are limited to repair or replacement of the goods. In no event shall damages for breach of any warranty include any consequential damages or exceed the cost of no-conforming goods sold.

In the event that you do not receive satisfactory warranty service with the dealer, please write directly to Positech innovation Inc., 2-1096 rue Levis, Terrebonne, Quebec, Canada J6W 4L1. Provide the dealer's name, address, model number, date of purchase and indicate the nature of the defect.

DO NOT RETURN to Positech innovation Inc. without our prior consent.

The defective unit or parts must be returned for warranty inspection within thirty (30) days of the return authorization date. Positech innovation Inc. will issue a return authorization number. Please prepay all shipping charges ; C.O.D. shipments will be refused.

This warranty applies in CANADA only.

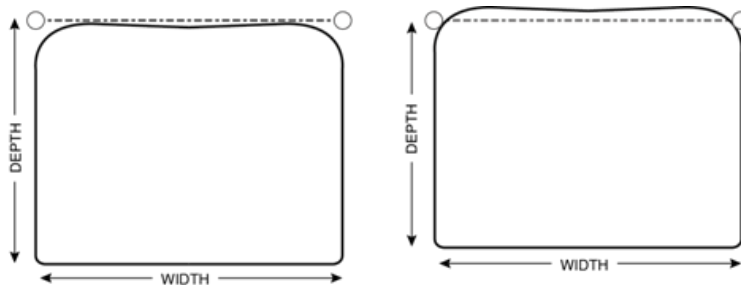
If allowed by law, this warranty is in place of any other warranty (written or oral, express or implied, including a warranty of merchantability, or fitness for a particular purpose) .

This warranty gives you certain legal rights. You may also have other rights that vary from province to province.

3.0 PRODUCT CODE NUMBERS

WIDTH	DEPTH					WEIGHT LIMIT
	11 to 12"	13 to 14"	15 to 16"	17 to 18"	19 to 20"	
11 to 12"	STOP111212	STOP111214	STOP111216			300 LB 136 KG
13 to 14"	STOP131412	STOP131414	STOP131416			
15 to 16"			STOP151616	STOP151618	STOP151620	
17 to 18"			STOP171816	STOP171818	STOP171820	
19 to 20"			STOP192016	STOP192018	STOP192020	
21 to 22"			STOP212216	STOP212218	STOP212220	

* The actual depths are 12-14-16-18-20", but the rounded edges allow to accommodate a shorter depth of 1".



** The actual widths are 11 1/2 - 13 1/2 - 15 1/2 - 17 1/2 - 19 1/2 - 21 1/2", and each cushion is intended for two widths of wheelchair.

N.B. (1) THE INSTALLATION IS A FULL WIDTH FLAT BASE.

(2) THE VELCRO™ HAS A LOOP FINISH.

STOPUS complies to :

RESNA WC-4:2012 Section 20 : Seating Systems for Use in Motor Vehicles.

ISO 16840-4 Wheelchair Seating – PART 4: Seating Systems for Use in Motor Vehicles.

5.0 USER, CLINICIAN & DEALER SATISFACTION

You sit well with us.

Positech innovation Inc. strives for 100% customer satisfaction.

Your complete satisfaction is important to us.

Please contact us with feedback or suggestions that will enhance the quality and functionality of these products.

We can be reached at :

Mail	100-1566 rue Nationale, Terrebonne, Québec, Canada J6W 0E2
Email	<u>service@positechinnovation.com</u>
Website	<u>www.positechinnovation.com</u>
Phone	(1) 450 964 3232
Toll Free	(1) 877 964 3232
Fax	(1) 450 964 3378
Customer Service Hours	Monday through Friday – 8h00 to 17h00 Eastern Standard Time (EST)

FOR YOUR RECORD

INSTALLATION DATE		CLINIC/HEALTHCARE CENTRE/PRACTICE	
USER INFORMATION NAME: EMAIL/PHONE: FILE #:		DEALER STAMP	
		SERIAL NUMBER (if applicable)	

6.0 SET-UP & ADJUSTMENT

SETTING UP YOUR STOPUS

• INITIAL CUSHION SET-UP WITHOUT USER IN SEATED POSITION

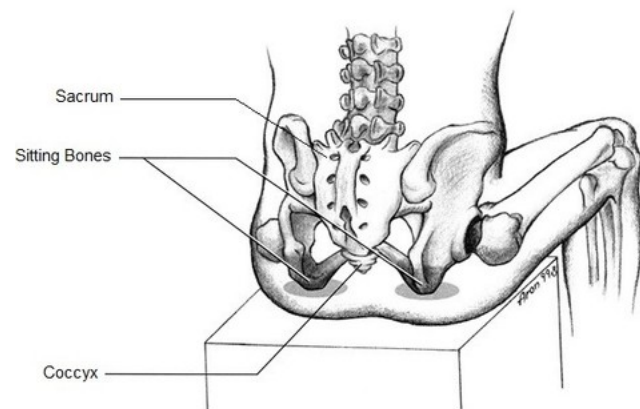
- STOPUS measurements. **The professional assessment completed by a clinician or qualified technician is strongly recommended to determine the optimal size for your condition. Improper cushion fit may be detrimental to the performance of a pressure distribution and its support of the body posture.**
 - Although the width of your wheelchair is a good indicator, the width of your pelvis **MUST** also be considered as the correlation between both varies with every situation.
 - The seat cushion length (depth) must take into consideration your level of mobility and the dimensions of your inferior member(s). In general, the length should extend to 1 inch (2,5cm) from the back of the popliteal fossa.
- Place the seat cushion on the seating surface of the wheelchair with the zipper facing the rear of the chair. The product label STOPUS should be right-side-up and located on the front left side of the wheelchair.

• ATTACHING/REMOVING THE CUSHION TO/FROM THE SEATING SURFACE

- Make sure the hook and loop Velcro fasteners are securely bonding the seating surface and the seat cushion together **BEFORE** using. If the cushion is not secured to the seating surface, use caution when transferring in and out of the wheelchair.
- To remove the cushion from the seating surface, reverse the procedure described above.
- The zipper on the cushion should **ALWAYS** face the rear of the wheelchair.

• CUSHION SET-UP AND ADJUSTMENT WITH SEATED USER

- When fitted correctly, your hips should be to the back of the chair, your ischial tuberosity should be centered on the STOPUS. Adjust the footrests so the user's legs rest comfortably on the seat cushion. Lowering the footrests of your wheelchair may help reduce the pressure on your ischial tuberosity (Sit bones) or coccyx (Tailbone).



- **CUSHION COVERS HANDLING**

- STOPUS has two layers of protection:
 - The inner cover is a sealed waterproof envelop that protects the foam structure from moisture.
 - **DO NOT tear the inner cover, AT ANY TIME, as the sealed protection will be DAMAGED.**
 - The outer cover is made of a combination of waterproof fire retardant textiles with an anti-slip property.
- DO NOT use the cushion without either the inner or outer cover. If the covers are torn, they **MUST** be replaced **IMMEDIATELY**.
- Avoid using the cushion on overly stretched seat upholstery. Stretched upholstery does not provide adequate support for the cushion and improper positioning may result. Replace stretched upholstery.
- The use of an improper cover can adversely affect the performance of the STOPUS seat cushion.
- Use only Positech innovation designed covers in conjunction with the STOPUS seat cushion.



DO NOT continue to use STOPUS if any of the upholstery materials and/or foams are found to be deformed, breaking, worn, and/or compressed. Corrective maintenance can be performed at or arranged through your dealer.



Positech innovation recommends that you do not smoke cigarettes while seated on STOPUS although the outer seat cover is made of fire retardant fabrics. You must adhere to the following safety guidelines if you decide to smoke cigarettes while seated on STOPUS.

- Do not leave lit cigarettes unattended.
- Keep ashtrays a safe distance from the cushion
- Always make sure cigarettes are completely extinguished before disposal.

7.0 MAINTENANCE CARE

STOPUS, your wheelchair seat cushion, is a very important part of your life. STOPUS main structure made of different types of foam should require no regular maintenance as it is covered by a double protective barrier, the inner waterproof sealed envelop and the outer cover with the anti-slip and fire-retardant properties. However, monthly cleaning is recommended. Inspect your cushion during cleaning. Check the covers for tears or excessive wear.



WARNING : DO NOT IMMERSE IN WATER



WARNING : DO NOT MACHINE DRY - DO NOT DRY IN THE SUN



WARNING : DO NOT STEAM AUTOCLAVE



WARNING : DO NOT DRY CLEAN



WARNING : DO NOT USE FABRIC SOFTENER OR BLEACH AGENT

STEP I :

- Unzip the outer cover. **Use CARE not to snag the inner cover in the outer cover zipper, or damage to the inner cover will occur.**
- Remove gently the foam structure protected by the inner vinyl sealed cover and follow the care instructions for this component in STEP II.
- The outer cover is hand washable in cold water with a mild detergent.
- Rinse thoroughly and air dry completely

STEP II :

- The inner vinyl sealed cover can be wiped with a dampened soft cloth. A mild soap may be used. Rinse off. Wipe to dry with a cloth. Air dry EACH SIDE.
- Store in a safe place until it is time to reassemble.

STEP III :

- Make sure that all components are completely dry before reassembling.

ATTENTION : Reinsert the foam structure by ensuring that :

- The rounded edges go first.
 - The bowl shape portion of the cushion is in the back where the zipper is located.
 - The flat firm surface of the foam structure must be facing the Velcro side of the outer cover.
- Place the outer cover properly and zip. **Use CARE not to snag the inner cover in the outer cover zipper, or damage to the inner cover will occur.**
- Re-position STOPUS by making sure that the STOPUS label is right-side-up and located on the front left side of the wheelchair.
- In between monthly cleaning, the outer cover should be wiped down with a slightly dampened cloth.



CORPORATE HEADQUARTERS

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