

ROHO® SOFFLEX® Cushion
Operation Manual

Supplier: This manual must be given to the user of this product.

User: Before using this product, read instructions and save for future reference.

s h a p e f i t t i n g t e c h n o l o g y ®

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ROHO, Inc. has a policy of continual product improvement and reserves the right to amend this document. A current version of this document is available at www.roho.com.



Manufactured by ROHO, Inc.

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Intended Use

The ROHO® SOFFLEX® Cushion (SOFFLEX Cushion) is an adjustable, air-filled, segmented-design wheelchair support surface and is intended to conform to an individual's seated shape to provide skin/soft tissue protection. There is a weight limit of 300 lbs./136 kg., and the cushion must be properly sized to the individual.

ROHO, Inc. recommends evaluation by a clinician who is experienced in seating, positioning and mobility: 1) to determine whether the cushion is appropriate for the individual; and 2) to determine whether a solid seat platform is recommended if using the cushion on a sling-seat wheelchair.

ROHO medical products are intended to be part of an overall care regimen. ROHO, Inc. recommends that a clinician make product recommendations based upon an evaluation of the individual's medical and therapeutic needs and overall condition.

Warnings

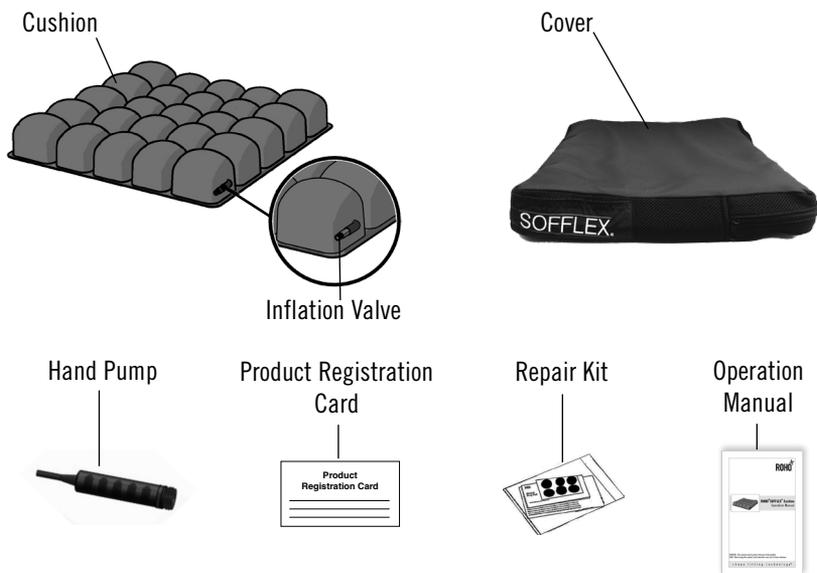
- **Inspect skin before and after product use. Any redness, bruising, or darkened area (when compared to normal skin) may indicate the beginning of soft tissue breakdown and needs to be addressed. STOP USE if any discoloration does NOT disappear within 30 minutes after transferring from the product. Consult a healthcare professional immediately.**
- **Check inflation frequently, at least once a day!**
- **DO NOT use an under-inflated or over-inflated cushion. Doing so reduces or eliminates the cushion's benefits, increasing risk to the skin and other soft tissue. If your cushion does not appear to be holding air, see TROUBLESHOOTING. If your cushion is still not holding air, contact your clinical caregiver, distributor, or ROHO, Inc. immediately.**
- **DO NOT use your cushion on top of, or in conjunction with, any other products or materials, unless otherwise indicated to do so in this manual. Doing so may cause the individual to become unstable and vulnerable to falling. If your cushion feels unstable, see TROUBLESHOOTING or consult with your clinician for proper usage.**
- **The cushioning device and the cover MUST be compatible sizes and MUST be used as directed in this manual. IF THEY ARE NOT, the benefits provided by the cushion may be reduced or eliminated, increasing the risk to skin or other soft tissue and increasing the risk of falls.**
- **DO NOT place any obstructions (except for a ROHO provided cushion cover) between the individual and the cushion. Doing so may reduce product effectiveness. Consult with your clinician for proper usage.**
- **DO NOT use your cushion as a water flotation device (e.g., a Life Preserver). The cushion will NOT support you in water.**

Cautions

- Keep your cushion away from sharp objects.
- **DO NOT** expose your cushion to high heat, open flames or hot ashes.
- Changes in altitude may require adjustment to your cushion.
- A cushion that has been in temperatures $< 32^{\circ}\text{F}/0^{\circ}\text{C}$ may exhibit unusual stiffness. See TROUBLESHOOTING.
- **DO NOT** use the inflation valve as a handle for carrying or pulling your cushion.
- Using a pump, cover, or repair kit, other than those provided by ROHO, Inc., may void your product warranty.
- Prolonged exposure to ozone may degrade some of the materials used in the manufacture of this product, affect the performance of this product, and void the product warranty.

Parts Detail

Package Contents:



To order replacement parts: In the U.S.A., contact the ROHO Customer Care Department, call your product provider or visit The ROHO Store at www.therohostore.com. **Outside the U.S.A.**, contact your country's ROHO distributor.

Product Specifications*

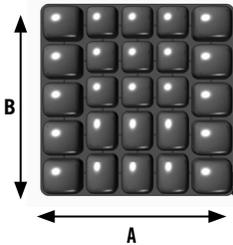
Materials:

Cushion: Polyurethane with nickel-plated brass inflation valve.

Cover: Two-way stretch top, spacer fabric sides with a zipper, and a non-skid bottom with hook and loop fasteners to help secure the cushion in the chair. Refer to the care label attached to your cover for material content.

SOFFLEX Cushion complies with CAL 117, EN-1021-1 and EN-1021-2, EN-597-1 and EN-597-2 flammability requirements.

Sizing Table:



Notes:

Cell Height Range: 2.50 in. - 3.00 in. (6.5 cm - 7.5 cm)

Width (A) and Depth (B):

- Measured edge to edge
- Includes a 0.25 in. (1.0 cm) perimeter

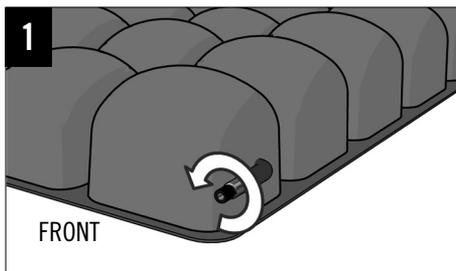
Item #	Width (A) x Depth (B)	
	in.	cm
SFLX1616C	16.25 x 16.25	41.5 x 41.5
SFLX1618C	16.25 x 18.25	41.5 x 46.5
SFLX1717C	17.25 x 17.25	44.0 x 44.0
SFLX1816C	18.25 x 16.25	46.5 x 41.5
SFLX1818C	18.25 x 18.25	46.5 x 46.5
SFLX2018C	20.25 x 18.25	51.5 x 46.5

For information about additional sizes: **In the U.S.A.**, contact the ROHO Customer Care Department or call your product provider. **Outside the U.S.A.**, contact your country's ROHO distributor.

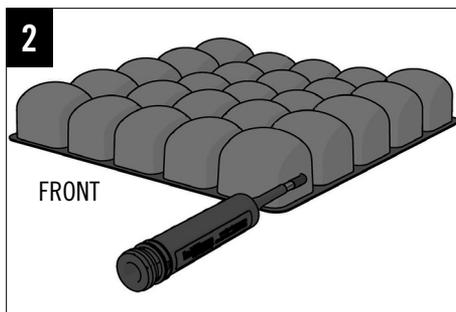
Average cushion weight = 0.75 lbs. (0.3 kg) based on a SFLX1816C cushion

***NOTE:** All measurements are approximate.

Cushion Placement and Adjustment

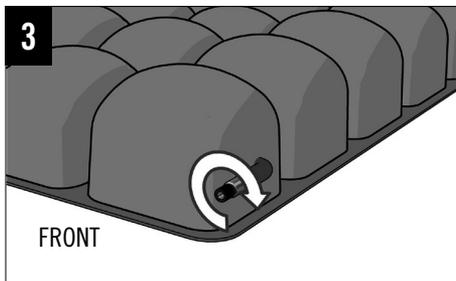


Turn the inflation valve **counterclockwise** to open.



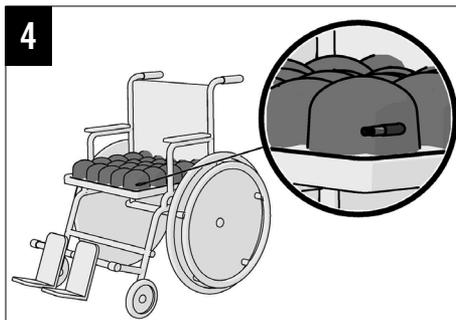
Slide the pump's rubber nozzle over the valve.

Inflate the cushion until it begins to slightly arch upward.



Pinch the pump's nozzle and turn the inflation valve **clockwise** to close.

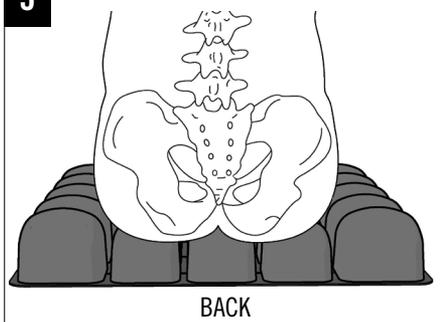
Remove the pump.



Place the cushion on the wheelchair with the cells right side up and the inflation valve in the front, left corner.

Cushion Placement and Adjustment, Continued

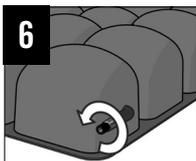
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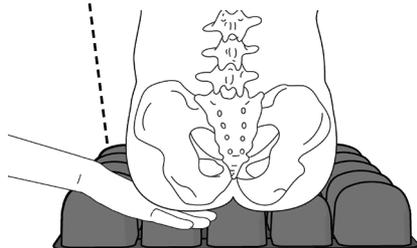
The individual should sit in the wheelchair in their normal sitting position.

Confirm that the cushion is centered underneath the individual and properly sized to the individual and the wheelchair.

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FRONT



BACK

Slide your hand between the cushion's surface and the individual's bottom.

Lift the individual's leg slightly and feel for their lowest bony prominence.

Lower their leg to a sitting position.

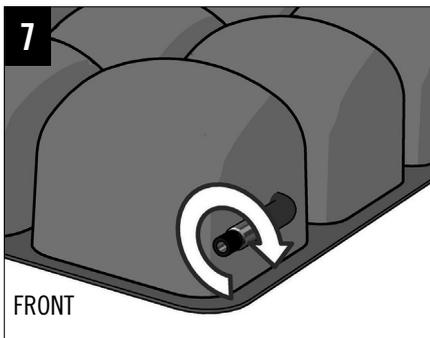
Turn valve **counterclockwise** to let air out, while keeping your hand under the individual's lowest bony prominence.

Release air until you can barely move your finger tips.



INFLATION: The cushion is most effective when there is 0.5 in. to 1.0 in. (1.5 cm to 2.5 cm) of air between the individual's lowest bony prominence and the seating surface.

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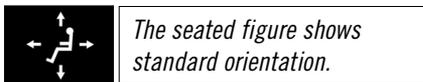
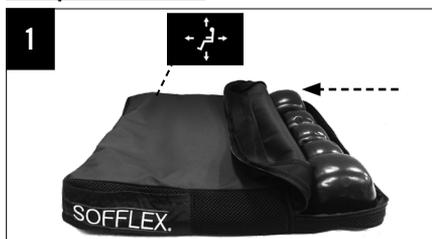
FRONT

Turn valve **clockwise** to close.

Cover Replacement and Removal

While a cover is not required, a cover is included with every SOFFLEX Cushion to help prevent the cushion cells from protruding beyond the wheelchair seat and to aid in slide board transfers.

To Replace the Cover:



When properly fitted, the cushion will lie flat on the chair (non-skid material on the bottom) with all cells covered and all four corners of the cushion base showing.

To Remove the Cover:



- When possible, use the hook or loop fasteners to further secure the cover to the seating surface.
- Inspect the cover for damage and replace if necessary.

Troubleshooting

Not Holding Air: Inflate cushion. Confirm that the valve is completely closed (turn valve clockwise). Look for holes. If large holes or leaks are found, see LIMITED WARRANTY. If very small holes or no holes are visible, follow the instructions in the Repair Kit provided with your product.

Uncomfortable/Unstable: Confirm that:

- the cushion is not over-inflated, see ADJUSTMENT.
- the cells and the top of the cover are facing up.
- the cushion is centered underneath the individual.
- the cushion is properly sized to the individual and the wheelchair.

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

Cushion Slides On Wheelchair: Make sure the non-skid bottom of the cushion cover is facing down. Refer to the directional labels on the cushion and the cover.

Cushion is Stiff: Allow the cushion to warm to room temperature. Open the corner valve. Roll up the cushion and unroll it until the polyurethane is soft and pliable again. Repeat ADJUSTMENT instructions before using.

Cleaning and Disinfecting

Cleaning and disinfecting are separate processes. Cleaning must precede disinfection. **NOTE:** Before use by a different individual, clean, disinfect, and check product for proper functioning.

! WARNING: If using bleach, follow safety guidelines on bleach container.

! CAUTION:
DO NOT:

- use abrasives such as steel wool or scouring pads.
- use cleaning products containing petroleum or organic solvents such as acetone, toluene, Methyl Ethyl Ketone (MEK), naphtha, dry cleaning fluids, adhesive removers.
- use caustic, automatic dishwasher detergents.
- allow water or cleaning solution to enter the product.
- expose the product to ozone gas or ultraviolet light cleaning methods.

Cover Care: Before cleaning and disinfecting, remove hook fastener pieces from bottom of cover and turn cover inside out. Wash with like colors.

To Clean the Cover: Machine wash in warm water (40°C) with mild detergent, gentle cycle, or wipe clean with neutral detergent and warm water. Tumble dry low.



To Disinfect the Cover: Hand wash in warm water using 1 part household liquid bleach per 9 parts water. Rinse thoroughly. Cover can also be machine washed in hot water (60°C), gentle cycle, to disinfect. Tumble dry low.



To Clean the Cushion by Hand: Hand wash in warm (40°C) water. Use mild liquid hand soap, hand dishwashing liquid, laundry detergent, or multipurpose detergent that is used for general cleaning. Use a soft, plastic bristle brush, sponge, or washcloth to gently scrub all cushion surfaces. Rinse with clean water. Air dry. **DO NOT** machine dry. **DO NOT** expose to direct sunlight.



To Disinfect the Cushion by Hand: Repeat cleaning instructions using 1 part household liquid bleach per 9 parts water. **DO NOT** autoclave.



Or

To Disinfect the Cushion by Machine: Deflate the cushion by opening the valve and rolling up the cushion, starting from the corner opposite of the valve. When the cushion is deflated, close the valve. Place the cushion in the washing bag. Close the washing bag. Machine wash in hot (60°C) water or use the sanitize cycle. Machine settings: Use mild detergent, gentle cycle with no spin. Air Dry. **DO NOT** machine dry. **DO NOT** expose to direct sunlight. **DO NOT** autoclave.



To Sterilize the Cushion: Follow Cleaning and Disinfection guidelines. ROHO products are not packaged in a sterile condition nor are they intended or required to be sterilized prior to usage. High temperatures accelerate aging and may cause damage to the product assembly. If institution protocol demands sterilization, open the valve and use the lowest temperature possible for the shortest time possible. Gas sterilization is preferable to steam autoclave, but neither is recommended. In any process using pressure, ensure all valves are open to prevent damage to the product. ROHO, Inc. highly discourages sterilization methods using temperatures greater than 160°F (71°C) for polyurethane products.

Disposal:

When properly used and disposed of, the components of the products in this manual are associated with no known environmental hazards. Dispose of the product and/or components in accordance with the applicable regulations in your jurisdiction. **DO NOT INCINERATE.**

Contact Information:

In the U.S.A.:

ROHO Warranty Service and Customer Care:

Phone: 800-851-3449

Fax: 888-551-3449

Warranty Service: warranty@roho.com

Customer Care: cc@roho.com

NOTE: If directed to return any items, please send to:

ROHO, Inc.

1501 South 74th Street

Belleville, IL 62223

Outside the U.S.A.:

ROHO International:

intl@roho.com

Phone: 618-277-9150

Fax: 618-277-6518

Or visit www.roho.com for a list of

ROHO International distributors

Return Policy:

All products returned must be new and unused, require prior authorization from ROHO Inc., and are subject to a restocking fee. Before returning your product: **In the U.S.A.**, contact our Warranty Service Department. **Outside of the U.S.A.**, contact your country's ROHO distributor.

Limited Warranty

What is covered? ROHO, Inc. covers any defects in materials or workmanship of the product.

For how long? 18 months from the date the product was originally purchased, with the exception of the cover, which has a 6-month Limited Warranty.

What is not covered? A product that has been misused, damaged by an accident, or damaged from "an act of Nature", e.g., flood, tornado, earthquake, fire. Any substitutions of supplied product accessories or modification to the product will void the warranty.

What the customer must do. Within the U.S.A., the customer must contact the ROHO, Inc. Warranty Service Department. **NOTE:** Any items sent to ROHO, Inc. without prior authorization will not be returned to the customer. **Outside the U.S.A.**, contact your country's ROHO distributor.

Questions? See CONTACT INFORMATION.

Disclaimer. Any implied warranties, including the MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE are limited to the same time period of the product types referenced above in the "For how long?" section and any action for a breach of such warranties or any express warranties herein must be commenced within that time. ROHO, Inc. shall not be responsible for any incidental or consequential damages with respect to economic loss to property, whether as a result of a breach of express or implied warranties or otherwise.

Your Rights and the Effect of this Warranty upon Them. This warranty restricts the duration of all implied warranties as noted above and limits or excludes recovery for incidental or consequential damages. Some jurisdictions do not allow limitations on how long implied warranties will last and some jurisdictions do not allow the exclusion or limitation of consequential or incidental damages, so those provisions may not apply to you. While this warranty gives you specific legal rights, you may also have other rights which vary from jurisdiction to jurisdiction.



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www.roho.com



The Quality Management System
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