



**permobil**

ROHO SEATING + POSITIONING

**ROHO® MOSAIC Cushion**

Operation Manual

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

Operator (Individual or Caregiver): Before using this product, read the instructions and save for future reference.

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ROHO products may be covered by one or more U.S. and foreign patents and trademarks, including ROHO®, shape fitting technology® and MOSAIC®.

## Intended Use

The ROHO® MOSAIC Cushion (MOSAIC) 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 315 lbs. (143 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.*

## Important Safety Information



### Warnings:

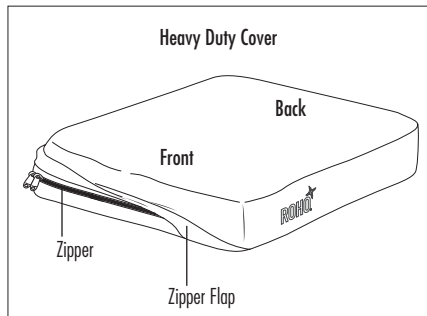
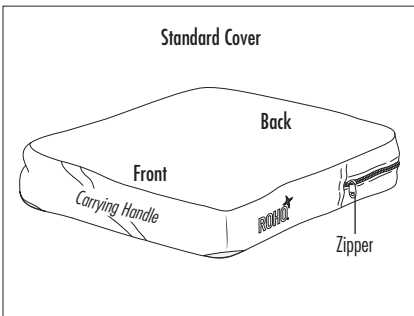
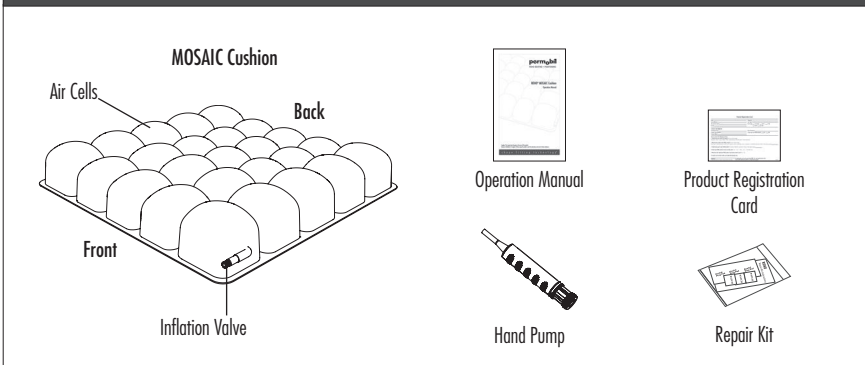
- Skin/soft tissue breakdown can occur due to a number of factors, which vary by individual. Check skin frequently, at least once a day. Redness, bruising, or darker areas (when compared to normal skin) may indicate superficial or deep tissue injury and should be addressed. If there is any discoloration to skin/soft tissue, STOP USE immediately. If the discoloration does not disappear within 30 minutes after disuse, immediately consult a healthcare professional.
- DO NOT use the product on top of, or in conjunction with, any other products or materials, unless otherwise indicated 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 a clinician for proper usage.
- DO NOT place any obstructions (except for a ROHO-provided cushion cover) between the individual and the cushion. Doing so will reduce product effectiveness.
- The cushion and the cover MUST be compatible sizes and MUST be used as directed in this manual. IF THEY ARE NOT: 1) The benefits provided by the cushion may be reduced or eliminated, increasing the risk to skin or to other soft tissue, and 2) the individual may become unstable and vulnerable to falling.
- DO NOT use the cushion as a water flotation device (e.g., a Life Preserver). It will NOT support you in water.
- If you are unable to perform any tasks described in this manual, seek assistance by contacting your clinician, equipment provider, distributor, or ROHO, Inc.
- DO NOT expose the cushion to any source of high heat, including heating pads. Exposure to high heat will accelerate aging and damage the product; the benefits provided by the cushion may be reduced or eliminated, increasing the risk to skin or to other soft tissue.
- DO NOT expose the product to high heat, open flames or hot ashes. Testing or certification claims, including for flammability, may no longer apply to this device when it is combined with other products or materials. Check testing and certification claims for all products used in combination with this device.

## Important Safety Information, Continued

### Cautions:

- Keep the cushion away from sharp objects.
- Changes in altitude may require adjustment to the 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 for pulling the cushion. Carry your cushioning device by the cushion base or by the carrying handle on the cover.
- Using a pump, cover, or repair kit, other than those provided by ROHO, Inc., may void the product warranty.
- DO NOT modify the cushion or any components. Doing so may result in damage to the product and will void the warranty.
- Periodically, check components for damage and replace if necessary. See TROUBLESHOOTING.

## Parts Detail



To order replacement parts, contact your equipment provider or ROHO, Inc.

## Cushion Instructions: CUSHION INFLATION and COVER PLACEMENT

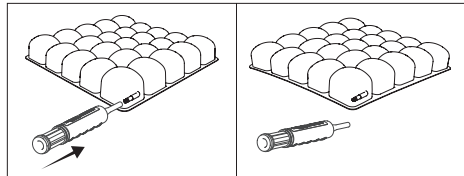
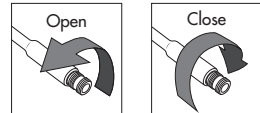


### Warnings:

- DO NOT use a product that is underinflated or overinflated, because 1) the product benefits will be reduced or eliminated, resulting in an increased risk to skin and other soft tissue, and 2) the individual may become unstable and vulnerable to falling. Carefully follow the instructions for inflation, placement and hand check.
- After setting up the cushion the first time, check inflation frequently, at least once a day. Follow the HAND CHECK instructions. See the next page.
- If the product does not appear to be holding air, or if you are not able to inflate or deflate the product, see TROUBLESHOOTING. Immediately contact your equipment provider, distributor, or ROHO, Inc. if the problem persists.
- When possible, use the hook or loop fasteners to further secure the cushion to the seating surface.

### Cushion Inflation:

1. Overinflate the cushion:
  - a. Slide the hand pump nozzle over the inflation valve. Open the inflation valve.
  - b. Inflate the cushion until all of the air cells feel firm.
  - c. Close the inflation valve and remove the hand pump.
2. Carefully follow the instructions for COVER PLACEMENT.



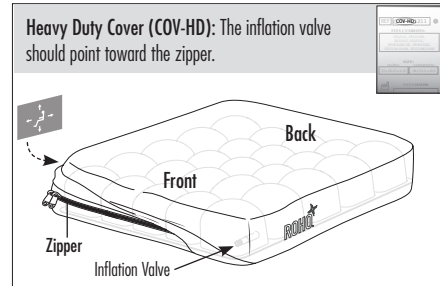
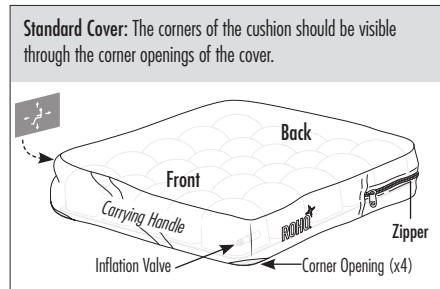
### Cover Placement:

*Note: Keeping a cover on your cushion will help to protect the cushion components. A cover will also help to keep the air cells together, which may aid in slide board transfers.*

3. Place the cushion inside the cover:
  - a. Unfold the cover.
  - b. Insert the cushion.
  - c. Close the zipper.

*Note: When covered, the cushion should lie flat on the chair (non-skid material on the bottom).*

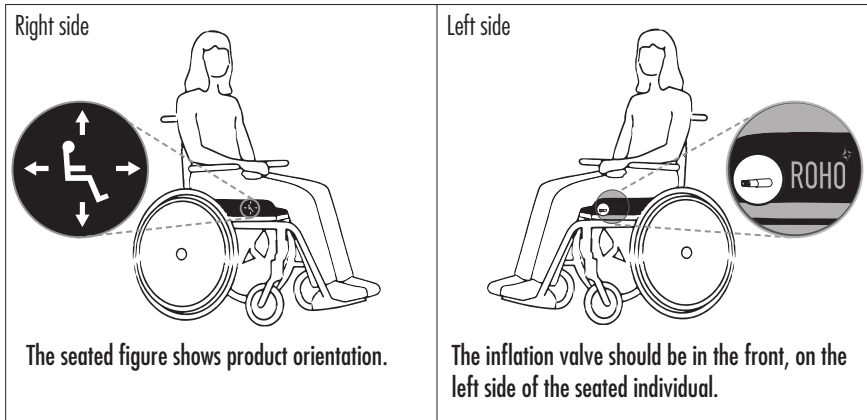
4. Carefully follow the instructions for CUSHION PLACEMENT and HAND CHECK. See the next page.



## Cushion Instructions: CUSHION PLACEMENT and HAND CHECK

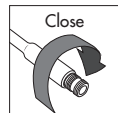
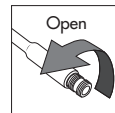
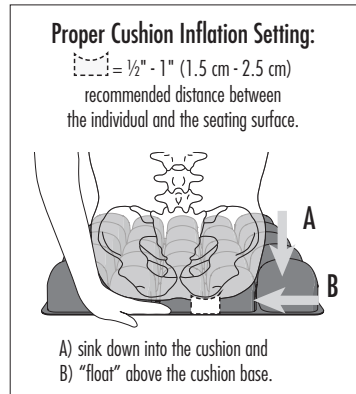
### Cushion Placement:

5. Place the cushion on the wheelchair with the cells right side up.
  - The individual should sit in the wheelchair in their normal sitting position.
  - Make sure that the cushion is centered underneath the individual.



### Hand Check:

6. Perform a hand check to make sure the cushion is at the Proper Cushion Inflation Setting:
  - a. Slide your hand between the cushion and the individual.
  - b. Slightly lift the individual's leg and feel for their lowest bony prominence.
  - c. Lower their leg to a sitting position.
7. Adjust the cushion, if needed:
  - a. While keeping your hand under the individual's lowest bony prominence, open the inflation valve.
  - b. Release air until you can barely move your fingertips. The cushion should be at the Proper Cushion Inflation Setting.
  - c. Close the inflation valve.



### ⚠ Warnings:

- Make sure that there is at least 1/2 in. (1.5 cm) of air supporting the individual's lowest bony prominences.
- After setting up the cushion the first time, check inflation frequently, at least once a day. Follow the Hand Check instructions above.

## Troubleshooting

<b>For additional assistance, contact your equipment provider, distributor, or ROHO, Inc.</b>	
<b>Not Holding Air</b>	Inflate the cushion. Inspect the inflation valve and hose for damage. Confirm that the inflation valve is completely closed. Look for holes in the cushion. If very small holes or no holes are visible, follow the instructions in the Repair Kit provided with your product. For inflation valve or hose damage, or for large holes or leaks in the cushion, see the Limited Warranty supplement, or contact Customer Care.
<b>Not Able To Inflate or Deflate the Cushion</b>	Confirm that the inflation valve is open. Inspect the inflation valve and hose for damage.
<b>Uncomfortable or Unstable</b>	<p>Confirm that:</p> <ul style="list-style-type: none"> <li>- the inflation valve is in the front, on the left side of the seated individual.</li> <li>- the cushion is not underinflated or overinflated.</li> <li>- the cushion cells and the top of the cover are facing up.</li> <li>- the cushion is centered beneath the individual.</li> <li>- the cushion is properly sized to the individual and the wheelchair.</li> </ul> <p>Allow the individual at least one hour to adjust to the cushion.</p>
<b>The Cushion Slides on the Wheelchair</b>	Make sure the non-skid bottom of the cushion cover is facing away from the individual. Use directional labels on the cushion and on the cover to orient the cushion. Use hook and loop fasteners to further secure the cushion to the wheelchair.
<b>The Cushion is Stiff</b>	If the cushion has been in temperatures lower than 32° F (0° C) and exhibits unusual stiffness, allow the cushion to warm to room temperature.
<b>Component is Damaged</b>	Contact Customer Care for replacement.


## Storage, Disposal and Recycling

**Storage:** Clean and disinfect the product before storing. Open the inflation valve. Store the product in a container that protects the product from moisture, contaminants and damage.

**Disposal:** The components of the products in this manual are associated with no known environmental hazards when properly used and when disposed of in accordance with all local/regional regulations. Incineration must be performed by a qualified, licensed waste management facility.

**Recycling:** Contact a local recycling agency to determine recycling options for the product. For more recycling information, contact ROHO, Inc.

## Cleaning and Disinfecting

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

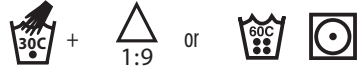
 **Warning:** Follow all manufacturer bleach container and germicidal disinfectant safety guidelines.

**Cover Care:** Remove hook fastener pieces from bottom of cover prior to cleaning and disinfecting. Wash with like colors.

**To Clean the Cover:** Remove the cover. Machine wash in cold water (30°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 cold water (30°C) using 1 part household liquid bleach per 9 parts water. Keep the product wet with the bleach solution for 10 minutes, then rinse thoroughly. Or machine wash in hot water (60°C). Tumble dry low.




 **Cushion Care Cautions:**

- Valve(s) must be closed. DO NOT allow water or cleaning solution to enter the cushion.
- DO NOT machine wash or sanitize the cushion or machine dry the cushion.
- Use of the following may cause damage to the cushion: abrasives (steel wool, scouring pads); caustic, automatic dishwasher detergents; cleaning products that contain petroleum or organic solvents, including acetone, toluene, Methyl Ethyl Ketone (MEK), naphtha, dry cleaning fluid, adhesive remover; oil-based lotions, lanolin, or phenolic-based disinfectants; ozone gas; ultraviolet light cleaning methods.

**To Clean the Cushion:** Remove the cover, close valve(s) and place in a large sink. Hand wash, using mild liquid hand soap, hand dishwashing liquid, laundry detergent, or a multipurpose detergent (Follow product label instructions.) Gently scrub all cushion surfaces, using a soft plastic bristle brush, a sponge or a cloth. Rinse with clean water. Air dry. DO NOT expose to direct sunlight.

**To Disinfect the Cushion:** Repeat cleaning instructions, using 1 part household liquid bleach per 9 parts water. Keep the product wet with the bleach solution for 10 minutes. Rinse thoroughly with clean water. Air dry.

 **Note About Sterilization:** High temperatures accelerate aging and will damage the product assembly. ROHO products are not packaged in a sterile condition, nor are they intended or required to be sterilized prior to use. If institution protocol demands sterilization: First, follow the cleaning and disinfecting instructions; then, open the inflation valve and use the lowest possible sterilizing temperature, but not to exceed 60°C (158°F), for the shortest time possible. DO NOT autoclave.

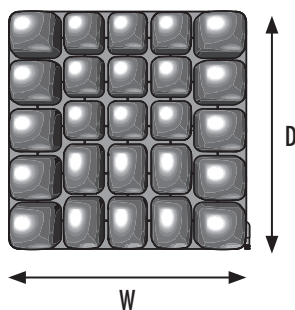


## Product Specifications

### Materials:

- Cushion: Flame-retardant PVC film (made without DEHP). Inflation valve: nickel-plated brass.
- Standard Cover: two-way stretch top, spacer fabric sides, with a zipper located in the back of the cover; and a non-skid bottom with hook and loop fasteners to help secure the cushion in the chair. Refer to cover care label for material content.
- Heavy Duty Cover: two-way stretch, fluid-resistant top and sides, with a zipper located in the front of the cover; and a non-skid bottom with hook and loop fasteners to help secure the cushion in the chair. Refer to cover care label for material content.

Sizing (all measurements are approximate)		
	W x D in.	W x D cm
MOSAIC 1616	16¼ x 16¼	41.5 x 41.5
MOSAIC 1618	16¼ x 18¼	41.5 x 46.5
MOSAIC 1717	17¼ x 17¼	44.0 x 44.0
MOSAIC 1816	18¼ x 16¼	46.5 x 41.5
MOSAIC 1818	18¼ x 18¼	46.5 x 46.5
MOSAIC 2018	20¼ x 18¼	51.5 x 46.5
Cell Height Range: 2½ - 3 in. (6.5 - 7.5 cm)		



Width (W) and Depth (D) measured edge to edge; includes a ½ in. (1 cm) perimeter

Cushion expected lifetime: 5 years

## Limited Warranty

**Limited Warranty Term** from the date the product was originally purchased: MOSAIC, 12 months. The warranty does not apply to punctures, tears, burns, or misuse, nor does it apply to the removable cover. See also the Limited Warranty supplement provided with your product, or contact Customer Care.