

## **PRODUCT INTENDED USE:**

The mattress overlays are intended for use with existing mattresses; they are not intended to replace existing mattresses.

**ROHO DRY FLOATATION Mattress Overlay and ROHO DRY FLOATATION Bariatric Mattress Overlay** are non-powered, adjustable, and zoned overlays. They provide an environment to help heal and help prevent pressure ulcers by redistributing forces and enhancing blood flow and oxygen to the at-risk tissue. These mattress overlays are designed for users with any stage of pressure ulcer, a deep tissue injury, for those who are at HIGH risk of developing a pressure ulcer, and for those who have had a myocutaneous flap surgery. These mattress overlays may be used on top of standard hospital, nursing home, and consumer mattresses. There are no weight limits for either product; the only limiting factor is the size of the bed. CPR compatible; a cardiac board is not necessary.

Mattress Section: 34" x 20" x 3.5" (86.5 cm x 51.0 cm x 9.0 cm) / 8 lbs. (3.6 kg)

Mattress System: 34" x 75" x 3.5" (86.5 cm x 190.5 cm x 9.0 cm) / 32 lbs. (14.4 kg)

**ROHO FOAM INSERT PADS or ROHO FOAM LEVELING PADS** may be used in place of ROHO DRY FLOATATION Mattress Overlay sections for areas that are not at risk for tissue breakdown. Consult with a clinician.

**ROHO DRY FLOATATION Neonatal/Isolette** is non-powered and adjustable. It is designed for infants at risk of soft tissue breakdown and fits both standard hospital and home isolettes.

**ROHO DRY FLOATATION O.R. Pad** is a non-powered, adjustable and zoned overlay designed for use on operating room tables, to promote tissue viability during extended operating room procedures. It is X-ray compatible, although some shadows may form from cell deformation. ROHO DRY FLOATATION O.R. Pads are CPR compatible; a cardiac board is not necessary.

**PRODIGY Mattress Overlay** is a non-powered, adjustable, and zoned overlay, that provides an environment to help protect against pressure ulcers by redistributing forces and enhancing blood flow and oxygen to the at-risk tissue. These mattress overlays are designed for users who are at LOW to MODERATE risk of developing pressure ulcers and to help heal Stage I and Stage II pressure ulcers. It may be used on top of standard hospital, nursing home, and consumer mattresses. The weight limit for the PRODIGY mattress overlay is 300 pounds (136 kg). ROHO, Inc. recommends the use of a cardiac board for CPR. The PRODIGY Mattress Overlay should not be used by infants or other people who are at risk of suffocation.

PRODIGY Section: 36" x 27" x 3.5" (91.5 cm x 68.5 cm x 9.0 cm) / 3.2 lbs. (1.5 kg)

PRODIGY System: 36" x 81" x 3.5" (91.5 cm x 205.5 cm x 9.0 cm) / 9.6 lbs. (4.3 kg)

**ROHO Nesting Pad (DRY FLOATATION)** is designed to simulate the womb, thereby providing a calmer sleep environment for infants.

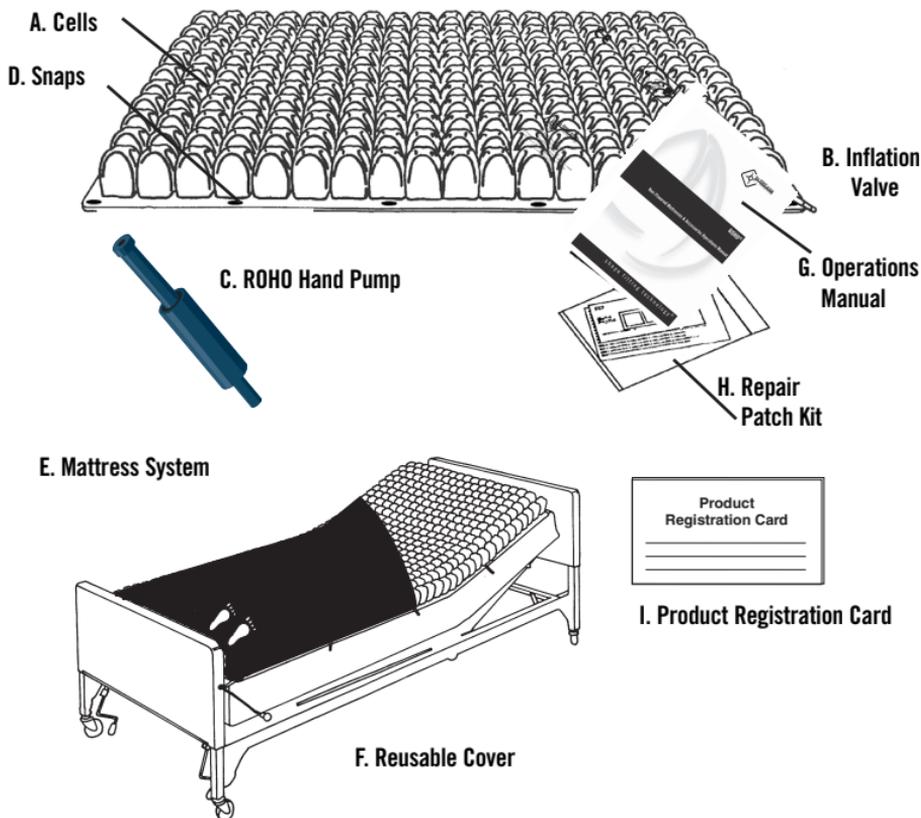
**ROHO Thyroid Pillow** is designed to aid patients who are undergoing surgical procedures that require hyperextension of the neck.

**ROHO Head / Neck Pillow (DRY FLOATATION)** provides cushioning and support to the head and neck and helps to prevent pressure ulcers.

Note: All measurements are approximate.

## PARTS DETAIL

(ROHO DRY FLOTATION Mattress Section shown)

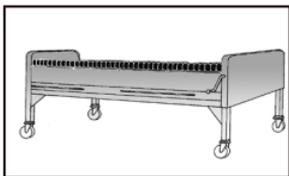


- A. Cells:** Individual interconnected air pockets. Support surfaces come in sections which may be snapped together.
- B. Inflation Valve:** Used to open and close the support surface's airway. Some support surfaces may have more than one valve.
- C. ROHO Hand Pump:** Used to inflate the support surface.
- D. Snaps:** For connecting the support surface sections.
- E. Mattress Overlay System:** DRY FLOTATION Mattress Overlay (shown) made of neoprene rubber with nickel plated brass valve(s) on corner cell(s). 4 sections snap together to make a complete system. PRODIGY Mattress Overlay (not shown) made of Flame Retardant PVC Film (DEHP Free) with nickel plated brass valve located on bottom surface (1 per section). 3 Sections snap together to make a complete system.
- F. Reusable Cover:** Comes with the DRY FLOTATION Mattress Overlay. Can be purchased separately for the PRODIGY Mattress Overlay. Made of 70 denier nylon fabric with a rubber coating. Waterproof and anti-microbial.
- G. Operations Manual:** Instructions on adjustment, care, repairs and other important information about the support surface.
- H. Repair Kit:** Patch kit for small repairs.
- I. Product Registration Card:** Used to register your product. Complete product registration card and mail to ROHO, Inc. or register online at [www.therohogroup.com](http://www.therohogroup.com).
- J. PRODIGY Straps:** (Not shown) Attach at corners of PRODIGY Mattress Overlay to secure it to the mattress.

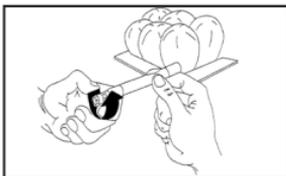
## ADJUSTMENT INSTRUCTIONS FOR:

- DRY FLOATATION Mattress Overlay
- Isolette (DRY FLOATATION)

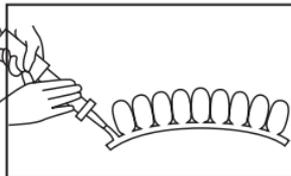
- PRODIGY Mattress Overlay
- O.R. Pad (DRY FLOATATION)



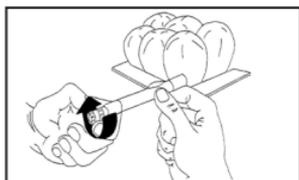
**STEP 1:** Remove all bed linens except support mattress pad or sheet from existing bed mattress. Place the support surface cell side up, on top of the bed mattress. Align support surface sections and snap together.



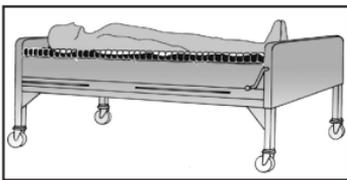
**STEP 2:** Turn valves on the side nearest the user **counter-clockwise** to open. **NOTE:** Close valve on opposite side of ROHO DRY FLOATATION mattress overlay section. **NOTE:** For PRODIGY Mattress overlay, valve is located on bottom surface.



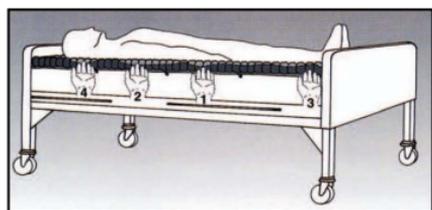
**STEP 3:** Slide the pump's rubber nozzle over the valve and-inflate each support surface section until it arches slightly upward.



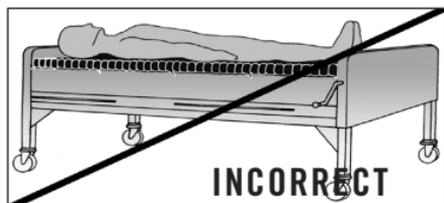
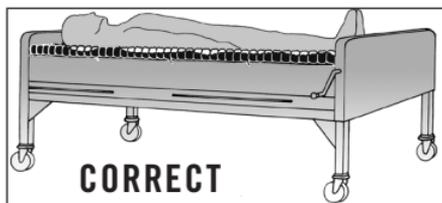
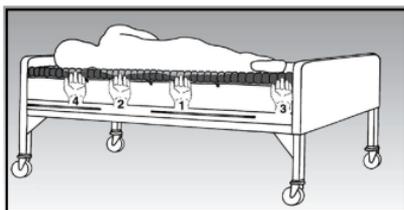
**STEP 4:** Turn valve **clockwise** to close. Remove pump. (Repeat steps 1 - 3 for remaining support surface sections.)



**STEP 5:** Reapply bed linens (maximum one sheet, one draw sheet or one incontinent pad). Place individual on the support surface in their normal lying position. *(For demonstration purposes, linens not shown).*



**STEP 6:** For proper immersion, adjust each section by placing your open hand between the support surface and the individual under the lowest bony prominences (see image above). Release air from each support surface section until all areas of high risk are within the suggested immersion depth limits (see table on next page). Turn valve clockwise to close. **NOTE:** The adjustment sequence noted in the diagrams are ROHO's recommendation; sequence may vary by individual user's needs.



**!** See diagrams above for CORRECT and INCORRECT body positions on support surface. DO NOT allow individual to lie on an UNDER-INFLATED or OVER-INFLATED support surface. Check the support surface at least once a day for proper adjustment.

## ADJUSTMENT INSTRUCTIONS CONTINUED:

**NOTE:** Do not lie on an improperly inflated support surface. The support surface is most effective when there is air between all parts of the user and the base. Refer to the Suggested Immersion Depths table for areas of high risk. Under-inflation and over-inflation reduce or eliminate the support surface benefits and could increase risk to the skin and other soft tissue. The support surface is most effective when the suggested immersion depths are followed.

### Suggested Immersion Depths:

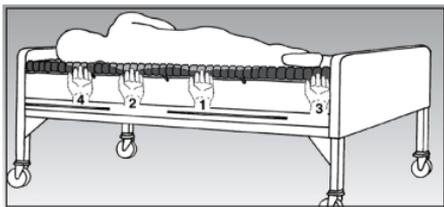
Depth	Product
1/2" (1.5 cm) to 1" (2.5 cm)	DRY FLOATATION® Mattress Overlay
1" (2.5 cm) to 1.5" (4 cm)	PRODIGY Mattress Overlay®

**NOTE:** Insert Pads or Leveling Pads may be used in replacement of ROHO DRY FLOATATION Mattress Overlay sections ONLY. **DO NOT** use as replacements solutions where user is at risk of tissue breakdown. Replace the pad(s) with ROHO DRY FLOATATION Mattress Overlay section at first indication of tissue trauma. Ensure pad(s) and section(s) are properly snapped together before use.

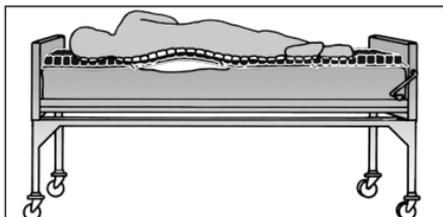
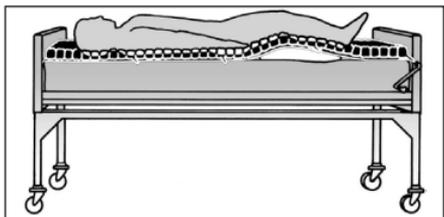
## LINENS

Too many linens between the support surface and the individual will compromise performance, prevent the individual from sinking in, and reduce pressure distribution. It is recommended that a maximum of:

- One flat or contoured sheet be arranged loosely over the support surface.
- If needed, a draw sheet for individual moving and transferring can be used.
- If needed, one incontinent pad can be used. Waterproof Reusable Covers are available from ROHO, Inc.

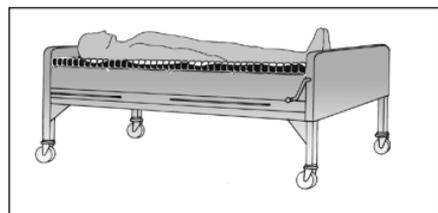


## PILLOW POSITIONING



**Special Positioning:** If the individual has special positioning needs while lying on his/her side or back, a pillow can be placed beneath the support surface. Consult with your healthcare provider for proper pillow positioning.

## CPR



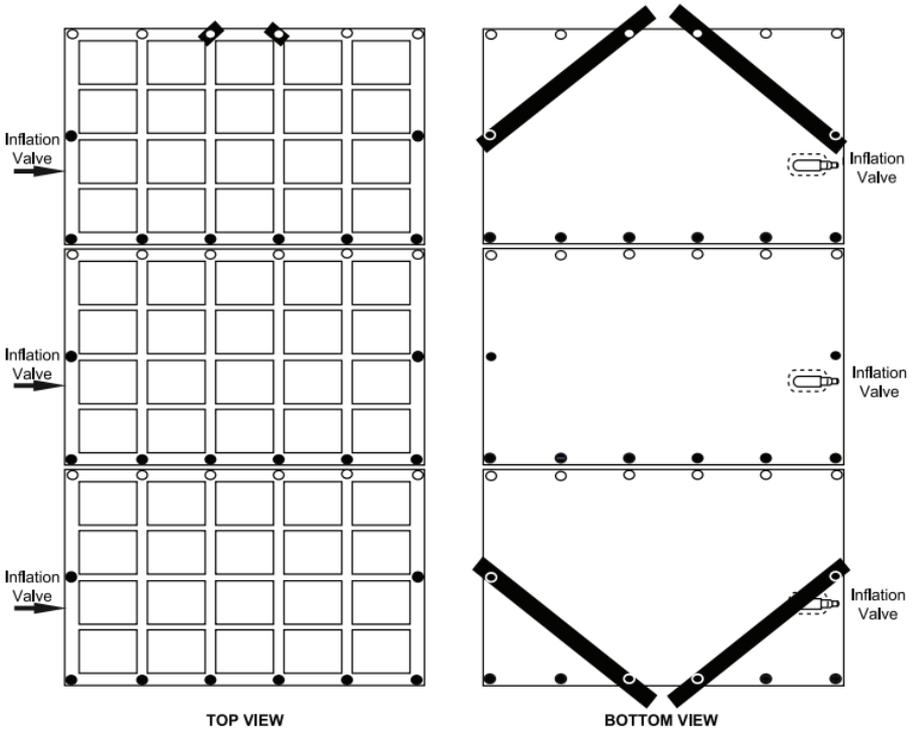
**CPR:** (DRY FLOATATION Mattress Overlay and O.R. Pad) CPR can be administered with or without a cardiac board between the individual and a ROHO support surface. It is not necessary to deflate the support surface to achieve sufficient compression levels. ROHO, Inc. recommends the use of a cardiac board for the PRODIGY Mattress Overlay.

## ATTACHMENT OF PRODIGY STRAPS

**Note:** PRODIGY Straps are included to aid in securing the PRODIGY Mattress Overlay to the mattress.

**Note:** Straps are provided with full PRODIGY Mattress Overlay Systems only!

Each PRODIGY Mattress Overlay uses four (4) straps.

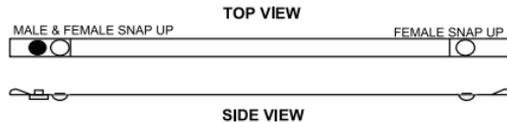


TOP VIEW

BOTTOM VIEW

### SNAP GUIDE

- MALE SNAP
- FEMALE SNAP



Each System uses 4 straps.

**Note:** Above diagrams show PRODIGY Mattress Overlay sections detached. Be sure to snap the sections together prior to attachment of straps or use.

**STEP 1:** Attach the PRODIGY Straps by snapping them to the PRODIGY Mattress Overlay in the locations indicated in the above diagrams.

**STEP 2:** Stretch the straps around the corners of the mattress to secure the PRODIGY Mattress Overlay.

## ACCESSORIES ADJUSTMENT INSTRUCTIONS:

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**Thyroid Pillow** - Turn valve counter-clockwise to open. Slide the pump's rubber nozzle over the valve and inflate the pillow to the desired level. **Turn valve clockwise to close.**

**Nesting Pad** - Inflate Nesting Pad by **turning valve counter-clockwise to open.** Slide the pump's rubber nozzle over the valve and inflate the pad until it arches slightly upward. **Turn valve clockwise to close.** Remove pump. Place infant on the Nesting Pad. To properly immerse the infant, adjust the pad by placing your open hand under the infant's lowest bony prominences and then release air until the area of high risk are no more than 1" (2.5 cm) and no less than 1/2" (1.5 cm) off of the base of the Nesting Pad. Turn valve clockwise to close.

**Head/Neck Pillow** - Inflate Head/Neck Pillow by **turning valve counter-clockwise to open.** Slide the pump's rubber nozzle over the inner valve and inflate the pillow until it begins to slightly arch upward. **Turn valve clockwise to close.** Repeat the same step for the outside valve. Remove pump. Place individual's head/neck on the pillow. To properly immerse the individual's head/neck, adjust the pillow by placing your open hand under the individual's head/neck and then release air until the area of high risk are no more than 1" (2.5 cm) and no less than 1/2" (1.5 cm) off of the base of the Head/Neck Pillow. Turn each valve clockwise to close.

## Attachment Instructions for the Reusable Cover:

**Cover Attachment and Removal** - To attach the cover, unfold it and place the "feet graphic" at the foot of the bed. Stretch each corner of the cover over the mattress overlay and mattress. To remove the cover, pull each corner up and over the mattress and mattress overlay.

## CLEANING & DISINFECTING YOUR ROHO PRODUCTS

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Cleaning and disinfecting are two separate processes. Cleaning must precede disinfection.

### To clean the cover:

(first remove from support surface) Machine wash, gentle cycle, in cold water (30°C) with a mild detergent. May also wipe clean with neutral detergent and water. Rinse thoroughly. Tumble dry low. **DO NOT DRY CLEAN.**



### To disinfect the cover:

Use a dilution of one part household bleach to ten parts water. Quaternary type disinfectants may also be used in concentrations recommended by the manufacturer. Rinse thoroughly. Note: The cover can be occasionally machine washed in hot water (60°C) for disinfection. However, ROHO, Inc. recommends against repeated washings at high temperatures, as this can accelerate degradation of the cover. Tumble dry low.



## CLEANING & DISINFECTING YOUR ROHO PRODUCTS CONTINUED

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### **To clean the Mattress Overlays and Accessories:**

Remove all linens and/or straps. Close valves and place in large sink. ROHO, Inc. recommends using a liquid dish washing or laundry detergent or other multipurpose detergents used for general cleaning. Use a soft plastic bristle brush, sponge, or wash cloth to gently scrub all surfaces. Rinse with fresh water and air dry. For institutional cleaning, a general housekeeping disinfectant cleaner may be used. **DO NOT** expose to direct sunlight.



### **To disinfect ROHO DRY FLOATATION Mattress Overlay:**

**To disinfect**, use a germicidal product that meets infection control needs. ROHO, Inc. suggests a disinfectant with tuberculocidal properties.

**For home disinfection**, use solutions of 1/2 cup household liquid bleach per quart of warm water (125 ml bleach to 1 liter of warm water). Keep the clean product wet with bleach solution for 10 minutes. Rinse thoroughly and air dry.

**For institutional disinfection**, most germicidal disinfectants are safe if used following the disinfectant manufacturer's instructions. Product must be cleaned and disinfected between multiple individual usages.

### **To disinfect the PRODIGY Mattress Overlay:**

Use a disinfecting solution of 1/2 cup liquid bleach per 1 quart of warm water (125 ml bleach to 1 liter of warm water). Use a soft plastic bristle brush, sponge, or wash cloth to gently scrub all surfaces. Allow disinfecting solution to remain on surface for a minimum of 10 minutes. Rinse with fresh water and air dry. Most multipurpose disinfecting products may be safely used in place of bleach/water solution if used according to the disinfectant manufacturer's instructions.

 **Note:** Disinfection required between multiple patient use.

 **Note on Sterilization:** Follow Cleaning and Disinfection guidelines above. ROHO support surfaces are not packaged in a sterile condition nor are they intended or required to be sterilized prior to usage. ROHO, Inc. highly discourages sterilization methods using temperatures greater than 200° F (93° C) for neoprene products and 160° F (71° C) for PVC products. High temperatures accelerate aging and may cause damage to the product assembly. If institution protocol demands sterilization, open the valve(s) and use the lowest temperature possible for the shortest time possible. Gas sterilization is preferable to steam autoclave, but neither are recommended. In any process using pressure, ensure all valves are open to prevent damage to the product.

 **NOTE:**  
**DO NOT** machine wash or dry the mattress overlay.

**DO NOT** use abrasives such as steel wool or scouring pads.

**DO NOT** use cleaning products containing petroleum or organic solvents including acetone, toluene, MEK, naphtha, dry cleaning fluids, adhesive removers, etc.

**DO NOT** allow water or cleaning solution to enter the mattress overlay.

**DO NOT** expose mattress overlay to ultraviolet light or ozone gas cleaning methods.

**DO NOT** use oil-based lotions, lanolin, or phenolic-based disinfectants on your ROHO DRY FLOATATION support surfaces as they may compromise the integrity of the material.