



Skin and Wound Product Information Sheet

ROHO Dry Floatation Mattress Overlay System	
Classification	Therapeutic Support Surface: Moderate Mattress Overlay System
Key Points	<ul style="list-style-type: none"> • For more detailed information and instructions refer to User Manual or obtain from vendor. • Non-powered, overlay system with inserts comprised of neoprene interconnected air cells and foam leveling pads. • Must be used on top of standard hospital, long term care, home care or consumer mattress. • Do not use ROHO sections without leveling pads, except under the direction of an OT. • Should be used with manufacturer’s cover (available for purchase). • Moderate support surface. • Provides reactive support with immersion and reduction of friction and shear. • Weight capacity: no limit. • Entire mattress is to be covered by overlay (see images to left) by using a combination of ROHO sections and foam leveling pads. Note: leveling pads and ROHO sections are available in different sizes. Ensure appropriate sizes are used together to completely cover the base mattress. <ul style="list-style-type: none"> • 4 ROHO sections snapped together = overlay (see image A below) • 1-3 ROHO sections + additional leveling pads to equal 4 sections = overlay (see image D) <ul style="list-style-type: none"> ○ ROHO sections are placed at the needed location(s) (head, trunk or feet). • 1 ROHO section + 2 larger sized leveling pads = overlay (see image B below) <ul style="list-style-type: none"> ○ ROHO section is placed at the needed location (head, trunk or feet). • 1 ROHO section + 1 foam overlay with cut-out centre = overlay (see image C below) <ul style="list-style-type: none"> ○ ROHO section offloads trunk only. • ROHO sections can be used with Adapt, Adapt 2, LTC 9000 Progressive Care and LTC 9100 Intensive Care mattress replacement systems to replace foam inserts. Ensure ROHO section size is appropriate for surface. • No microclimate management but does allow for some air circulation. May add microclimate management coverlet (e.g., Skin IQ) if needed. • No stability at edge where ROHO sectionals are used. Leveling pads have stable edge. • CPR can be performed with no deflation. • ROHO can be damaged by sharp objects (e.g., pet claws, needlework) or extreme heat. • Requires client-specific inflation using ROHO hand pump before use. Assessment / adjustment / inflation of cells should only be done by someone trained in the correct technique.
Indications	<ul style="list-style-type: none"> • For those at moderate risk (Braden Score 13-14) for pressure injury. • For those with pressure injury (excluding heels) and 2-3 intact turning surfaces.
Precautions	<ul style="list-style-type: none"> • Heels may fall between air cells increasing risk for developing pressure injury. If heel offloading is needed, consult with OT for more effective heel protection / positioning. • Assess transfer at edge of bed as can be unstable depending on placement of ROHO sectionals. May consider other surfaces for those who can roll / sit / transfer from edge of mattress. • Assess transfer (if applicable) as overlay will raise height of mattress. May need to consider a mattress replacement system for those standing or doing a pivot transfer from edge of mattress. • Caution should be taken when using on individuals with a low body mass index or have protruding bony prominences as adequate off-loading may not be achieved. • Over or under inflation leads to increased risk for pressure injury. • Hand checks are required. Air cells will lose air over time.
Contraindications	<ul style="list-style-type: none"> • Unstable cervical / thoracic / lumbar fractures
Discontinuation of Therapy	<ul style="list-style-type: none"> • Support surface is discontinued or stepped down when: <ul style="list-style-type: none"> • Client’s Braden Score has improved and moderate support surface is no longer necessary. • Client’s pressure injury has progressed to a point where a moderate support surface is no longer needed. • Client does not tolerate the surface (e.g., uncomfortable). • Client is unable to safely ambulate / transfer from the surface because of unstable edge. • Consider higher level of support surface if client’s pressure injury is not healing/has worsened, client develops new pressure injury, moisture is a significant issue or Braden Score is less than 13.




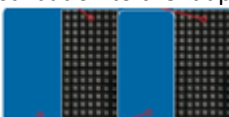
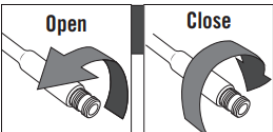


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<p>Formats & Sizes</p> <ul style="list-style-type: none"> • Foam overlay options: <ul style="list-style-type: none"> • 53 x 86 cm • 79 x 86 cm • 86 x 203 cm (precut centre) • ROHO sections: <ul style="list-style-type: none"> • 76.5 x 49 x 8.5 cm • 86 x 49 x 8.5 cm • Custom made options available • Covers (Zipped Enclosure or Unzipped) 	
Directions	Key Points
Accessing the Overlay System	
Obtain owned ROHO sections and leveling pads as per Health Authority/site process.	In some areas, may be available through Medical Equipment Provision Program (MEPP) for qualifying clients. Follow local processes.
Linen Requirements	
<p>Minimize layers of linen.</p> <p>Refer to client specific plan of care for linen needs that may be different than those outlined below,</p> <p>If overlay is covered with manufacturer’s cover, do not add bottom sheet. If client requests for their comfort or if manufacturer’s cover is not available use very loose, fitted, bottom sheet to cover overlay.</p> <p>Repositioning sling as needed. Repositioning sling should be left in place between turns if specifically designed to be left in place.</p> <p>Linen protector underpad as needed.</p>	<p>Each layer of linen reduces pressure redistribution effect.</p> <p>Clients may have specific linen needs.</p> <p>Avoid using sheets that bunch and wrinkle as they may cause pressure points. Avoid using tight sheets as this leads to a taut and firm surface that resists immersion.</p> <p>Not all slings are intended to be left beneath client between turns.</p>
Daily Care	
Turn/reposition as per care plan.	
<p>Change cover when soiled.</p> <p>To clean the ROHO sections:</p> <ul style="list-style-type: none"> • Close the valve(s) and rinse section under the tap to remove any debris between the cushion cells. • If a substance has dried on the cushion and cells are stuck together do not attempt to separate cells when they are dry. • Ensure valve(s) are closed and place in large sink or bath tub. • Hand wash using mild dishwashing liquid or laundry detergent. Use a soft plastic bristle brush, sponge or washcloth to gently scrub all surfaces of section. • Rinse with water and hang to air dry. <p>If foam overlay sections become soiled, cleanse with agency approved cleaner, rinse with water and allow to dry.</p>	<p>Covers available for purchase from vendor.</p> <p>May damage section.</p> <p>To avoid water getting into section.</p>
<p>Check inflation of air cells daily by performing a hand check on all ROHO sections. Perform checks in all of client’s positions on the bed.</p> <p>Hand Check</p> <p>Slide your hand between the client and the ROHO section and find the lowest bony prominence. If you can slightly move your fingertips the section is at the proper inflation setting.</p> <p>If you can easily move your fingertips there is too much air between the lowest bony prominence and the mattress. Open the inflation valve and slowly release air until you can barely move your fingertips and close the inflation valve.</p>	<p>Cells will lose air over time. Visual check is not sufficient and may lead to over-inflation</p> <p>There should be 1.5-2.5 cm of air between the lowest bony prominence and the mattress.</p>

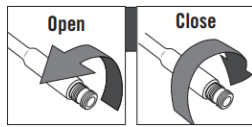
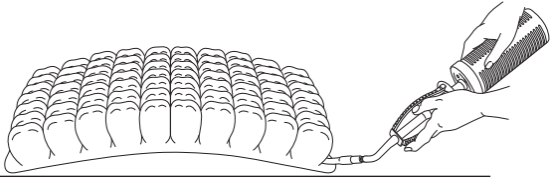


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<p>If you cannot move your fingertips at all there is too little or no air between the lowest body prominence and the mattress. Open the inflation valve and slowly add air until you can slightly move your fingertips and close the inflation valve.</p>	
<p>Setting up the Surface</p>	
<p>Overlay must be correctly sized to the mattress.</p> <p>If side rails are required for client safety ensure that they are high enough to accommodate the mattress and the overlay.</p>	<p>Overlay larger or smaller than mattress increases risk for falls and/or entrapment.</p> <p>Decreased risk for falls and/or entrapment.</p>
<p>Must have adequate number of ROHO sections and/or leveling pads to cover entire mattress surface unless directed otherwise by Occupational Therapist. See configurations below.</p>	<p>ROHO sections and leveling pads are used as an overlay on top a basic mattress.</p>
<p>Choose configuration appropriate to meet client’s needs.</p> <ol style="list-style-type: none"> Use 4 ROHO sections to provide pressure redistribution to entire surface. <div style="text-align: center;">  </div> Use 1 ROHO section and 2 foam sections (79 x 86 cm) to provide pressure redistribution to sacral area. <div style="text-align: center;">  </div> Use 1 ROHO section and foam with precut centre to provide pressure redistribution to sacral and trunk area. <div style="text-align: center;">  </div> Use 2 ROHO sections and 2 foam sections (79 x 86 cm) to provide pressure redistribution to client appropriate areas. <div style="text-align: center;">  </div> 	<p>A variety of ROHO sections and foam overlay configurations are available to provide reactive support and to provide pressure redistribution to the client’s high risk areas.</p>
<p>Applying manufacturer’s overlay cover</p> <ul style="list-style-type: none"> Remove linens from bed mattress and ensure bed is flat. Follow instructions below for type of cover using. <p>Zipped Overlay Enclosure Cover</p> <ul style="list-style-type: none"> Place cover on the bed mattress. Refer to labels on cover for correct orientation. Unzip and remove or fold back the top part of the cover. Place the overlay sections onto the bottom part of the cover with the cells facing up in configuration appropriate to client needs. Align the overlay sections (leveling pads and ROHO sections) and snap together. For the Standard Overlay there are two inflation valves for each section. Close all the valves on one side of the overlay. Place the top part of the cover over the overlay. Leave the cover at least partially open. Wrap the straps under the bed mattress and secure the buckles. Follow instructions below to inflate ROHO sections then zip cover closed. 	<p>To ensure gaps do not occur between sections.</p> <div style="text-align: center;">  </div> <p>To allow access to inflation valves on one side of the cover.</p> <p>To allow for inflation of ROHO sections.</p> <p>ROHO sections require client specific inflation /</p>



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<ul style="list-style-type: none"> Follow instructions below to adjust ROHO sections. <p>One-Piece Overlay Cover (no zipper)</p> <ul style="list-style-type: none"> Place sections (leveling pads and ROHO sections) onto mattress with cells facing up in configuration appropriate to client needs. Align the overlay sections (leveling pads and ROHO sections) and snap together. Follow instructions below to inflate ROHO sections. Refer to directional labels on cover to orient and place cover over overlay and mattress securing with elastic edges of cover. Follow instructions below to adjust ROHO sections. 	<p>adjustment.</p> <p>To ensure gaps do not occur between sections.</p> <p>ROHO sections require client specific inflation / adjustment.</p>
<p>ROHO Section Inflation and Adjustment</p>	
<p>Inflate and adjust the ROHO sections for each individual client.</p>	<p>Assessment/adjustment/inflation of cells should only be done by someone trained in the correct technique.</p>
<p>Inflation</p> <p>Whenever possible, the client should be transferred out of the bed or off the section when inflating.</p> <p>If overlay section has more than one valve, only one of the valves should be open during inflation.</p> <p>Slide the rubber nozzle of the hand pump over the inflation valve.</p> <p>Pinch the nozzle of the hand pump, and open the inflation valve.</p> <p>Add air until all the air cells are inflated and overlay section arches slightly.</p> <p>Pinch nozzle of hand pump, and close inflation valve completely.</p> <p>Remove hand pump.</p>	<div style="text-align: center;">  </div> <div style="text-align: right;">  </div>
<p>Adjustment</p> <p>Before adjusting the overlay, make sure that sections are properly inflated, aligned, snapped together, and covered.</p> <p>With overlay and mattress in flat position, transfer individual onto overlay. Position in their usual position (lying on back, side or other position).</p> <p>Perform a hand check on all ROHO sections and adjust to the proper section inflation setting:</p> <ul style="list-style-type: none"> Slide your hand between the overlay and the individual and feel for the lowest bony prominence. Keeping your hand in place, open inflation valve, and remove air until you can barely move your fingertips. Recommended distance between lowest bony prominence and base of product is 1.5-2.5 cm. Release air until you can slightly move your fingertips. Close the inflation valve. 	
<p>Expected Outcome</p>	
<p>Client does not develop a pressure injury.</p> <p>Client's existing pressure injury heals or does not worsen if a maintenance wound.</p> <p>Product performs as expected.</p>	<p>If product does not perform as expected notify NSWOC/Wound Clinician and consider submitting a Product Concern form.</p>
<p style="text-align: center;">For further information, please contact: OT, PT, NSWOC/ Wound Clinician</p>	