

Instruction For Use Evacuation Overlay (EVO) CE



Product Name: Evacuation Overlay (EVO)

Intended Purpose and Design:

The EVO is an anti-pressure high specification foam (HSF) evacuation overlay with a dual role:

- The prevention and treatment of pressure ulcers*
- The safe and secure transport of the non-ambulant person from a building during an emergency

Day to day the anti-pressure high specification foam evacuation overlay is designed to be permanently in place on top of a traditional sprung mattress. The EVO is comprised of high specification foam which is recommended for use with users assessed as being at High Risk of developing pressure ulcers and for users with an existing pressure ulcer*. The overlay has been designed to provide optimal pressure care support.

During an emergency, the EVO is designed for the safe and secure transport of the non-ambulant person from a building. As the EVO is permanently in place on top of a traditional mattress, the user is not required to be transferred. The EVO should be operated by two people to allow the non-ambulant user, in a laying down position, to be manoeuvred away from danger.

The EVO is comprised of 90 mm high density combustion modified polyurethane, which is covered, on the topside, using a multi stretch, wipe clean and flame resistant vapour permeable fabric. The bottom of the EVO is comprised of tough PVC, coated to enable sliding over surfaces such as carpets, concrete, wood or any bumps like stairs. The EVO is held on the bed with tucks, which double as cocooning flaps to hold the user in transit. In order to hold the user in place during transit, the EVO also features extremely durable webbing, buckles and a foot pocket. There are also pulling loops at each end, the loop at the head end is to hold the unit back when descending stairways. The flexible nature of the unit enables narrow doorways and stairs to be negotiated.

Operator Qualifications: The EVO is operated by two people. The EVO is intended to be used by suitably trained and competent operators and only for the intended purpose, as specified in this instruction guide. In addition to the information in this guide, operators must adhere to local health and safety and manual handling policies.

Instructions for Use (IFU):

Prior To Use: Upon receipt of the EVO all packaging should be removed and visual checks should be carried out to ensure:

- The contents are complete
- The EVO has not been damaged in transit
- All fittings operate correctly
- Check the safe working load is suitable for the intended user
- Ensure the EVO is suitable for the intended user in terms of pressure care risk
- The label should not be removed

Storage and Servicing: The EVO is designed to be permanently in place on top of a traditional sprung mattress. The EVO should be inspected daily and/or between users to check for material degradation, damage, misuse or tampering. Check for any signs of tearing and/or punctures, check all the seams for any signs of splitting and check for any signs of permanent staining. If following the visual inspection, the EVO is not fit for purpose, it should be disposed of safely and in line with local infection prevention and control policies.

When the EVO(s) are not in use they should be stored in a protective covering and should be in a secure location away from the general public. For ease of storage EVO(s) can be stacked on top of one another. However, to avoid damage to the EVO(s), never store other items on top of them, always store them flat, do not store them directly on the floor and do not store them next to radiators or other heating devices.

During Use:

Daily Use:

- Ensure that the EVO is positioned on the bed and is the correct way up
- Although the EVO has optimal pressure-redistributing qualities, it is important that the user repositions themselves or is repositioned frequently

During Transit:

- Ensure users feet are in the foot pocket
- Pull the cocooning flaps round the user
- Tighten security belts over the user
- The operators can then manoeuvre the user to safety using the loops
- If moving downstairs, ensure the users head is at the top of the unit and feet first down the stairs
- Ensure the operators remain in full control of the EVO

Aftercare: The EVO is a reusable product, therefore, the following processes should be undertaken to allow its re-use.

- **Visual Inspection:** Daily and/or between users the EVO should be inspected as per previous recommendations.
- **Cleaning:** EVO covers should be cleaned regularly including between patients in accordance with The Revised Healthcare Cleaning Manual 2009, BHTA Protect, Rinse and Dry 2016, local infection prevention and control policies and the guidance below:
 1. Wipe the whole surface of the EVO with soap and water, rinse with clean water and allow to dry completely before re-use. A non-abrasive cloth can be used for more stubborn soiling
 2. If a disinfectant wipe is applied, the EVO must be allowed to dry completely
 3. Wipe the EVO(s) using a single use wipe, if heavily soiled, a 0.1% Chlorine Solution (1,000ppm) and cold water. If bodily fluids have been in contact with the EVO(s), a 1% Chlorine Solution (10,000ppm) can be used. Rinse thoroughly with clean water and a damp single use wipe
 4. The EVO cover is machine washable up to 60°C for 15 minutes and should then be followed by a cold rinse.
 5. Line dry in an indoor, clean environment or tumble dry on a low heat setting not exceeding 40°C and not for longer than 10 minutes.
 6. EVO(s) must be thoroughly dried before re-use
 7. Always ensure the correct EVO cover is returned to its corresponding foam inner. Covers must not be used on other foam EVO's

General Warnings Precautions and Limitations:

- Only trained and competent operators should operate the EVO and be involved in selection of suitable pressure support surface
- Only use the EVO for its intended purpose
- Ensure the EVO is suitable for the intended user in terms of pressure care risk
- Ensure that the user repositions themselves or is repositioned frequently
- Do not exceed user maximum weight of 150 kg (SWL 150kg)
- Take care not to puncture the EVO, to avoid fluid ingress/strikethrough
- Do not place sharp objects such as scissors, needles, syringes, scalpels or other sharps on the EVO surface
- Advise operators, users and visitors to remove or cover hand jewellery including rings with sharp edges
- Do not permit staff or visitors to sit on EVO
- Take extra care when using medical equipment such as monitors; drip stands and transfer aids
- Frequent or prolonged exposure to higher concentration disinfectant solutions may prematurely age the EVO
- The EVO must be thoroughly rinsed and dried between and after cleaning or disinfection.
- Abrasive cleaners and sponges must not be used to avoid ingress of fluids/strikethrough
- Dimethyl formamide (DMF), tetrahydrofuran (THF), concentrated inorganic acids, concentrated alkalis, and phenol/cresol based chemicals should never be used
- During evacuation, the user should not be left in the EVO unattended
- The operators must always be in control when operating the EVO
- The operators must not let go of the EVO during transit
- Rapid movements should be avoided during EVO use, in order to avoid further injury to the user

- In the unlikely event of malfunction of the EVO during use, the EVO should stop being used immediately

Technical Information:

Description	Value
Cover	Blue multi-stretch vapour-permeable fabric. Red PVC
Foam Inner	High-density combustion modified polyurethane
Turn	One-way
Weight	9Kg
Flammability	BS 7177:1996 CRIB 5
Capacity of the Unit	150kg
SWL	150kg

Product Contents:

- 1 x EVO

Contact Details: If you require any further information please contact us at:

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Please take time to read the contents of this information guide. Any actions that are inconsistent with this guide, are done so at the operators risk and Thorpe Mill Ltd will not be liable for injury or damage. In addition to the information in this guide, operators should use the product specified with due consideration of applicable international, national and local regulations, guidance and policies. Safe and correct use of this product is solely at the discretion of the operators.

If a serious incident does occur during use, this should be reported to Thorpe Mill Ltd using the above contact details.

*Pressure redistributing high specification foam mattresses, overlays and cushions are recommended for the prevention and management of pressure ulcers (NICE, 2014). Choice of product should be determined by a qualified professional, following a comprehensive and holistic assessment using both formal and informal assessment methods.

