

# HALO

VENT™

Saving lives on the battlefield and the high street

# HALO

SEALS™

## HALO Chest Seals

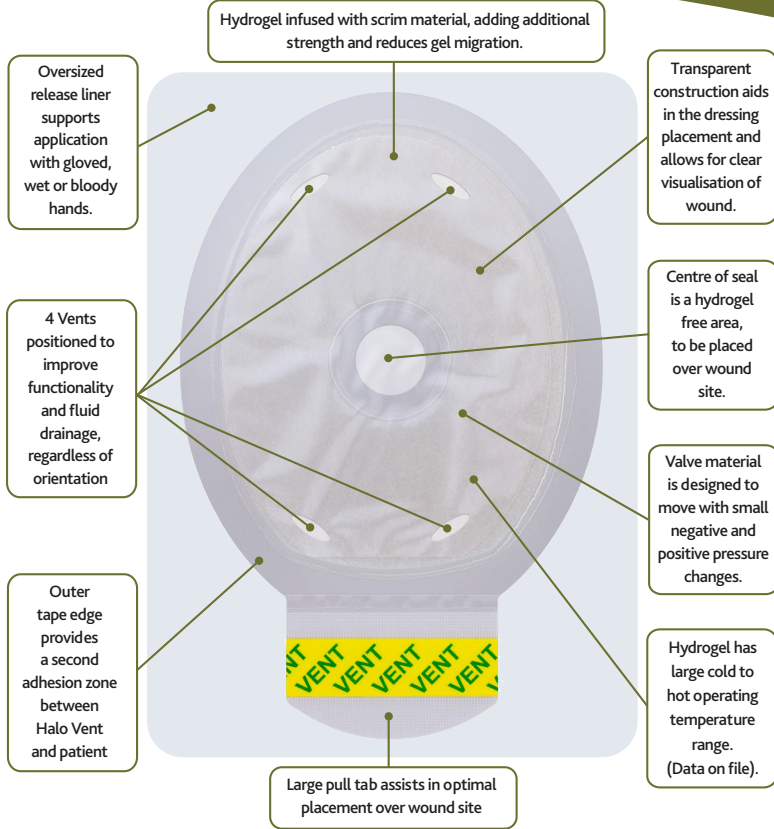
The HALO Seal is a high-performance occlusive dressing.

**HALO Vented Seals** allow for the release of air from thoracic wounds and aid in the prevention, and management of a tension pneumothorax, potentially caused by penetrating thoracic trauma.



Stays in place in the most extreme conditions





## HALO VENT™ PRODUCTS



**11011 HALO VENT CHEST SEAL SINGLE**  
 SIZE: XXXcmL x XXXcmW  
 UNIT: XX



**11012 HALO VENT CHEST SEAL TWIN PACK**  
 SIZE: XXXcmL x XXXcmW  
 UNIT: XX

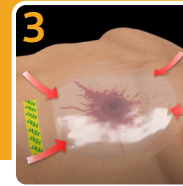
## Laminar Valve



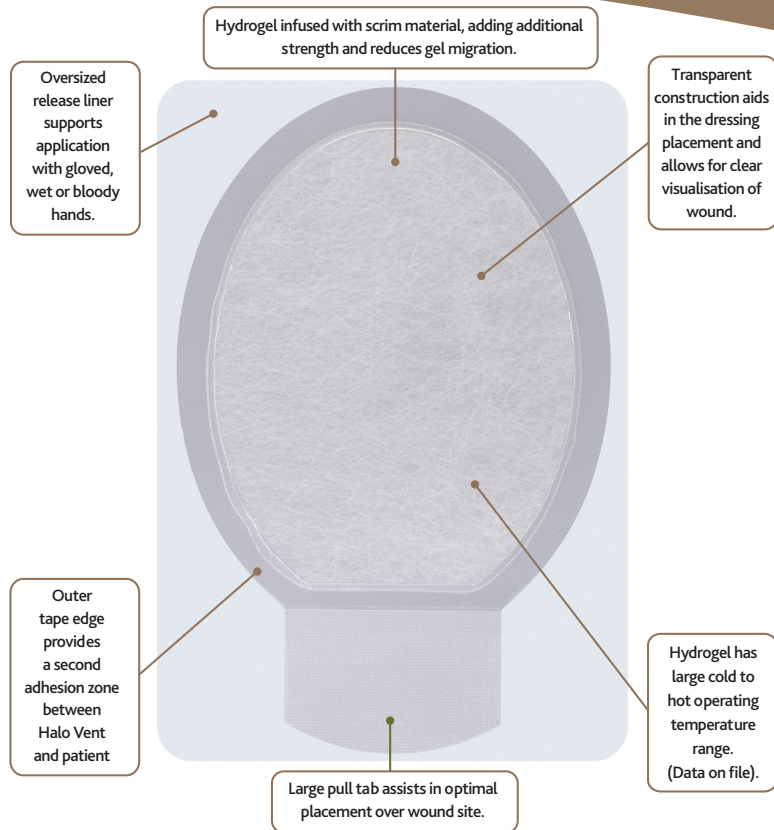
**1** Halo Vent expands as patient exhales.



**2** Exhalation causes excess pressure to be released from the four vents. Built-up pressure with-in the thoracic cavity escapes.



**3** The four vents seal as the patient inhales, maintaining thoracic cavity pressure.



## HALO SEALS™ PRODUCTS



**11013 HALO CHEST SEAL TWIN PACK**  
 SIZE: XXXcmL x XXXcmW  
 UNIT: XX



# Stays in place in the most extreme conditions

HALO Seals feature an adhesive hydrogel layer and adhesive (non-latex) backing layer. The patented hydrogel ensures superior adhesion around the wound, even in the presence of moisture and bodily fluids such as pleural fluids, or blood. The hydro-gel's strong high tack adhesive hold makes it suitable for use in extreme weather conditions and temperatures, allowing the dressing to conform securely to the body. HALO Seals are effective for patients in wet, dusty and sandy conditions, with heavy perspiration and chest hair. HALO Seals are intended to be used until the patient can be transported to a health care facility.



## Saving lives on the battlefield and the high street

Originally developed for military use, HALO has gained a reputation as a vital product – from gunshot injuries to stab wounds, HALO is available in single and twin packs to treat entry and exit wounds. HALO Vents feature an additional one way valve with 4 vents placed around the dressing to allow air release from the thoracic cavity whilst maintaining a strong seal, enabling effective results regardless of the patient and dressings orientation.

## Rapid deployment in an emergency

HALO Seals can be deployed rapidly and easily thanks to a quick opening pack and simple to apply design. HALO Seals are a lifeline for trauma patients, stabilising and protecting chest wounds giving them vital time whilst waiting for emergency services to arrive - particularly in areas with no immediate access to hospital and trauma care.

### Clinical Benefits

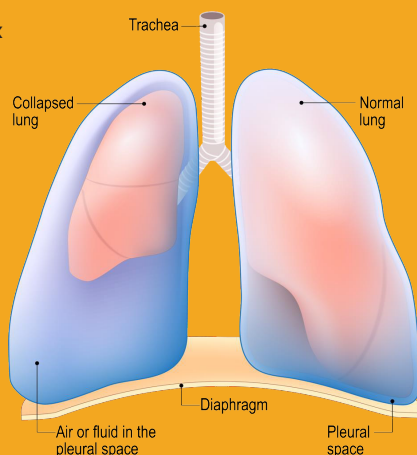
- Reduces risk of ingress of air, liquid, or debris that may contaminate the wound.
- Provides additional time in emergency cases until the patient is transported to a health facility.
- HALO Vent Reduces risk of tension pneumothorax.
- Effectively seals the wound's perimeter, if applied as directed by the manufacturer.
- Impermeable to liquid, air, and debris that may contaminate the wound.
- HALO Vent only: Allows release of air from the thoracic cavity, which in turn reduces the risk of tension pneumothorax.

### Product Features

- Oversized release liner supports application with gloved, wet or bloody hands.
- Hydrogel infused with scrim material, adding additional strength and reduces gel migration.
- Transparent construction aids in the dressing placement and allows for clear visualisation of wound.
- HALO Vent only: Centre of seal is a hydrogel free area, to be placed over wound site.
- HALO Vent only: Valve material is designed to move with small negative and positive pressure changes.
- Hydrogel has a large cold to hot operating temperature range.
- Large pull tab assists in optimal placement over wound site.
- Outer tape edge provides a second adhesion zone between Halo Vent and patient.
- HALO Vent only: 4 Vents positioned to improve functionality and fluid drainage, regardless of orientation.
- Latex free

## Why Use a Vented Chest Seal? What is a Pneumothorax?

A pneumothorax is a collection of air between the lung and chest wall due to an injury to the chest wall and/or lung. The lung then collapses as shown to the right.



## Saving lives with HALO Chest seals

We are delighted to inform you that Reliance Medical Ltd are now official UK supplier of HALO chest seals from Medical Devices Inc. For those who have suffered traumatic penetrating chest injury, HALO Chest seals are a lifeline. The patented hydrogel dressing adheres strongly, conforming to the body in extreme, wet and dirty conditions - stabilising and protecting chest wounds, giving patients vital time whilst waiting for emergency services to arrive - particularly in areas with no immediate access to hospital and trauma care. The HALO chest seal, initially designed for the military, is a proven lifesaving medical device that can be deployed rapidly and easily anywhere.

