Invacare®
Pressure Redistributing Mattresses and Overlays







### Invacare Introduction

### About us

Invacare has a long standing reputation for providing patient centric products that have been designed in conjunction with Clinicians and provide maximum clinical efficacy.

Our UK operation supports a global market and has the scale and experience to provide high quality Pressure Area Care products to over 80 countries worldwide.

With dedicated Research and Development as well as stringent Quality procedures, Invacare's products fully conform to NHS and Industry standards and offer the peace of mind that is required to ensure safe patient care.

**Pressure Reducing Mattresses and Overlays** 

Tried and trusted by Healthcare Professionals, the *Invacare Softform*<sup>®</sup> and *Propad*<sup>®</sup> ranges include a selection of high quality, pressure redistributing replacement mattresses and overlays.

Invacare **Softform** range

Tailored to suit requirements in terms of level of care, weight limit and durability, the **Softform** range offers a complete solution to effective pressure redistribution. Designed in consultation with clinical professionals, these products are constructed from high specification materials to meet the demands of modern healthcare environments.

Invacare **Propad** range

**Propad** overlays are designed for use in conjunction with conventional mattresses and have an established and successful reputation amongst Healthcare Professionals. These products are particularly recommended for community use, as a central element of a patient comfort and pressure ulcer prevention programme.

### Think Pressure Care

Invacare's 'Think Pressure Care' website is dedicated to providing clinical resources, useful information and comprehensive training opportunities to support healthcare professionals with pressure ulcer prevention. We have been developing, clinically trialling and manufacturing pressure redistributing equipment for over 25 years and in this time have gained a wealth of knowledge and experience. The website provides an excellent platform for healthcare professionals, carers and support workers to access valuable information for free.

### www.thinkpressurecare.co.uk





### Invacare | Pressure Redistributing Mattresses and Overlays

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### **Pictograms**



Total product weight



Maximum user weight



Various sizes



Height



Width



Depth



Height



Denth



Width



Various sizes



Width



Height



Depth



Length



Width



Height



Length



Height



Width

### Invacare | Softform Premier



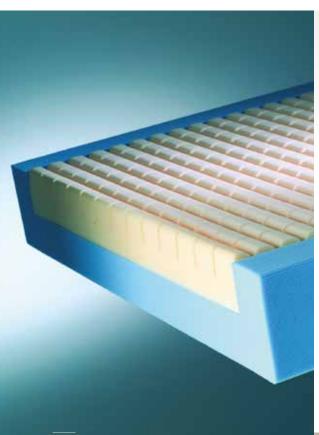


Available in Crib 5 and Crib 7



Warranty

Foam 10 years Cover 5 years



### Clinically Proven - 21st Century design

The *Invacare Softform Premier* is a high specification pressure redistributing mattress designed to meet the demands of the Community and Acute healthcare environment. Practical and durable, this mattress delivers exceptional levels of comfort and pressure redistribution.

The 'Strikethrough Resistant Technology®' cover has been designed to manage the clinical impact in relation to pressure care, infection control with regards to risk of cross infection and financial impact, including time and resource management.

The cover makes this a clinically effective mattress that is robust enough to withstand the rigorous demands of a 21st century healthcare environment.

The **Softform Premier** is suitable for those considered at 'Very High Risk'<sup>2</sup> of developing pressure ulcers.





**Features** 

### Effective pressure ulcer prevention

The Invacare Softform Premier features a unique contoured insert pad, constructed from 'keyhole cut' castellated foam cells, which move independently to provide excellent patient comfort, reduce shear and friction and optimise pressure redistribution. The mattress insert has a non glued construction, which allows excellent conformity when profiled on electric bed frames.

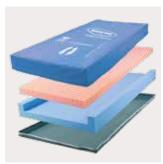
### 'Strikethrough Resistant Technology®'

The cover is made from a highly chemically resistant polyurethane polymer making it much more resistant to abrasion and damage and swells less with water contact. When cleaning a cover with 'Strikethrough Resistant Technology®', the material changes less and thus reverts to its natural state very quickly. The time in which the cover is prone to physical damage is significantly reduced.



### Does not require turning or rotating

This mattress does not require turning or rotating, significantly minimising manual handling issues.



### Single piece foam "U" core

Facilitates patient transfer by providing effective side-wall support. Robust foam base prevents the mattress from bottoming out.



### Full length flap conceals zip

The full length flap protects the zip. This reduces the possible risk of fluid ingress, preventing contamination of the foam core.



### Added protection

Multi stretch, breathable, waterproof cover with corner welds, reducing the opportunity for accumulation of dust and liquid residues

### Technical data



 Softform
 Single Size (660 - 900mm)

 Premier
 Double Size 3 12 (910 - 1370 mm)

 King Size 3 (1380 - 1525 mm)



n) Length: 1410 - 2100 mm



Height: 152 mm



Weight: 13 kg



Max. User Weight: 247.6 kg (39 Stone)



Cleaning: 80°

Manufactured to European Standards: BS EN 597-1 Cig, BS EN 597-2 Match. Foam Interior: BS 5852: 1990 Crib Source 5; Cover BS7175: 1989 Crib Source 5.

### Colour



1/ Please note: The cover is not Strikethrough proof. Misuse or incorrect care and handling can cause damage to the mattress cover.

- 2/ Essential nursing care is pivotal in pressure ulcer prevention. This mattress will positively contribute to the outcome of a pressure ulcer prevention care plan. Education, clinical judgement and action based planning based on vulnerability are fundamental factors in the prevention of pressure ulcers. A range of assessment scales can be used as a formal method of assessing risk from pressure ulcer development, and should be used in conjunction with an informal assessment (informed nursing judgement). Informal assessment is considered to be of greater importance and clinical value.
- 3/ The Double and Kingsize mattresses are not available with the Strikethrough Resistant Technology® cover.

### Invacare | Softform Premier Active 2





Available in Crib 5 and Crib 7



### Warranty

Foam 8 years Cover 4 years Pump 2 years

Insert 2 years

### Static dynamic pressure redistributing mattress



The clinically proven *Softform Premier Active 2 mattress* retains its properties as a 'Very High Risk' high specification static surface, but should a patient require stepping up to a dynamic surface, a discreet pump can be fitted to the air insert, transforming the mattress into an alternating surface, delivering additional levels of pressure relief. There is no requirement to transfer the client, thereby minimising any discomfort and reducing manual handling. The *'Strikethrough Resistant Technology®r2* cover has been designed to manage the clinical impact with regards to pressure care, infection control and risk of cross infection as well as financial impact, including time and resource management. The new cover makes this a clinically effective mattress that is robust enough to withstand the rigorous demands of a 21st century healthcare environment. The mattress is appropriate for patients in Acute, Community and Residential Care environments.





### **Hybrid Technology**

The air insert contained within the mattress allows stepping up and down between static and dynamic alternating systems with minimum patient disruption.

### **Digital Pump**

Powered by an innovative digital pump, the air cells within the mattress alternate on a ten minute cycle, delivering a very low impact at the point of change. This significantly enhances patient comfort whilst providing effective pressure relief.

### 'Strikethrough Resistant Technology®' Cover

The 'Strikethrough Resistant Technology®' cover is made from a highly chemically resistant polyurethane polymer making it much more resistant to abrasion and damage and also swells less with water contact. When cleaning a cover with 'Strikethrough Resistant Technology®', the material changes less and thus reverts to its natural state very

quickly. The time in which the cover is more prone to physical damage is significantly reduced. The cover material still incorporates the key features required in a mattress cover. It is multi stretch, breathable and waterproof with corner welds, reducing the opportunity for accumulation of dust and liquid residues.

### How to 'step up' the mattress



Detach the pipes from the foot end of the mattress.



Fit pipes to the Active pump.



Simply switch on, no additional adjustments required.



The patient is now lying on an alternating surface.

### **Features and Options**



### New air cell design

The cells offer a stable support surface along with improved comfort for the patient. Advanced material used for the insert allows the foam to glide over the cells with ease, reducing friction.



### Individual replaceable air cells

In case of accidental puncturing, individual air inserts can easily be replaced at ward level.



### Channels in Blue foam U core

The tubes that supply air to the cells sit into securely designed channels, providing added comfort for the patient.



### Concealed pump hose

The pipes are fully covered with a welded sleeve to promote effective infection control.



### **New Digital Pump**

The innovative pump features an LCD screen and audio alarm.



### Very High Risk static mattress

In the event of a power failure, the patient is still resting on a 'Very High Risk' pressure reducing surface, minimising the risk of pressure damage.



### Cost saving modular construction

The top cover, bottom cover, foam insert, Blue U core and air cells are all easily replaceable.



### Cable and Hose management

If pump is in use, cables can be lifted off the floor and attached to the mattress. If not in use, the air hose can be fastened out of the way.



### Intelligent software

The pump can identify and advise the status via the LCD screen.



### Larger brackets

The pump has been designed to accommodate a wide range of bed ends with its new larger brackets



Softform

Premier

Active 2







1810 - 2100 mm (10 mm increments) (10 mm increments)



Height: 152 mm



Weight: 14 kg



Max. User Weight: 247.6 kg (39 stone)



Cleaning: 80°

### Pump

Noise Level: 32Db Cycle Time: 10 minutes (1 in 2 cycle)

### Mattress is manufactured to:

- European Standard: BS EN 597-1 Cig
- European Standard: BS EN 597-2 Match
- BS7177:1996 Crib 5.



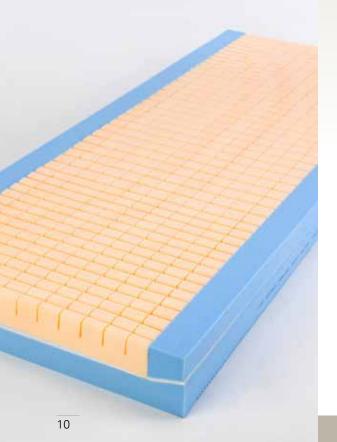
Baltic Blue

- 1/ Essential nursing care is pivotal in pressure ulcer prevention. This mattress will positively contribute to the outcome of a pressure ulcer prevention care plan. Education, clinical judgement and action based planning based on vulnerability are fundamental factors in the prevention of pressure ulcers. A range of assessment scales can be used as a formal method of assessing risk from pressure ulcer development, and should be used in conjunction with an informal assessment (informed nursing judgement). Informal assessment is considered to be of greater importance and clinical value.
- 2/ Please note: The cover is not Strikethrough proof. Misuse or incorrect care and handling can cause damage to the mattress cover.

# Invacare | Softform Premier MaxiGlide



Warranty
Foam 8 Years
Cover 4 Years



### Designed to reduce shear and friction

The *Invacare* **Softform Premier MaxiGlide** high specification foam mattress offers a new and innovative glide mechanism that significantly reduces shear and friction forces when used with an electric profiling bed. The patented design of the mattress allows the top surface to provide excellent pressure redistributing properties along with a high level of comfort and support, whilst the base of the mattress uniquely separates to conform to the bedframe. The **Softform Premier MaxiGlide** is suitable for use with those who are considered to be at 'Very High Risk'\* of developing pressure ulcers.





### Effective pressure ulcer prevention

The **Softform Premier MaxiGlide** features a deep-contoured insert pad constructed from 'keyhole' cut castellated foam cells, which move independently to maximise the body contact area and optimise pressure reduction.

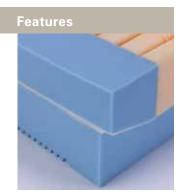
### Reduces the need for manual handling

The profiling mattress maximises the benefits of an electric profiling bed, delivering improved positioning whilst reducing the requirement for repositioning of the client.

### Multi stretch cover

The mattress cover is multi stretch and conforms to the deep contoured castellations on the upper surface of

the mattress, minimising rucking and further reducing the potential for tissue damage.



**Smooth sliding surface** 



Top surface remains with patient



Bottom surface profiles with the bedframe

### **Features**



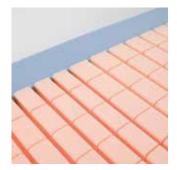
### Patented design

The "Glide" mattress system is only available from Invacare and approved distributors.



### Fully detachable top cover and toughened polyurethane base

The toughened PU coated base protects the mattress against metal bed frames. The top cover is easily removed for laundering and foam inspection.



### **Modular Construction**

Enables easy replacement of all parts, increasing product longevity.



### Does not require turning or rotating

Mattress does not require turning or rotating, significantly reducing manual handling risk.



### **Pressure Ulcer Prevention**

The mattress provides an excellent pressure reducing surface, designed to maximise the body contact area and prevent the build up of pressure ulcers\*.



### Cover is resistant to fluid ingress

Features include two-way stretch, vapour-permeable and waterproof polyurethane cover with high frequency welded seams and a full length flap concealing the zip.

#### Technical data

Softform

Premier

MaxiGlide



Std Width: 800, 855, 880, 900 mm



Std Length: 1950-2100 mm



Height: 152 mm



Weight: 13.5 kg



Max. Client Weight: 247.6kg / 39 stone



Cleaning: 80° C Refer to instructions for use and relevant infection control guidelines

Manufactured to European Standards: Interior Foam: BS 5852 Crib 5

Cover: BS 7175 Crib 5

### Colour



Baltic Blue

<sup>\*</sup> Essential nursing care is pivotal in pressure ulcer prevention. This mattress will positively contribute to the outcome of a pressure ulcer prevention care plan. Education, clinical judgement and action based planning based on vulnerability are fundamental factors in the prevention of pressure ulcers. A range of assessment scales can be used as a formal method of assessing risk from pressure ulcer development, and should be used in conjunction with an informal assessment (informed nursing judgement). Informal assessment is considered to be of greater importance and clinical value.

### Invacare | Softform Premier Visco

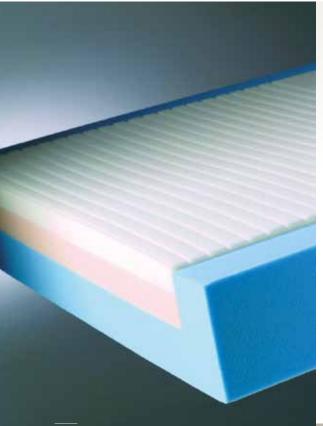


environment.



Available in Crib 5 and Crib 7

Warranty
Foam 4 Years
Cover 4 Years



### Pressure redistributing visco elastic foam mattress

The *Invacare* **Softform Premier Visco** is a high specification pressure redistributing mattress suitable for those considered at 'High Risk' of developing pressure ulcers. The mattress features a high density visco elastic (memory) foam insert, which is temperature-sensitive to the body, allowing it to conform to body shape. This provides exceptional comfort and facilitates pressure redistribution by minimising peak pressures.

The 'Strikethrough Resistant Technology®'2 cover has been designed to manage the clinical impact in relation to pressure care, infection control with regards to risk of cross infection and financial impact, including time and resource management.

The new cover makes this a clinically effective mattress that is robust enough to withstand the rigorous demands of a 21st century healthcare

Yes, you can.



### Comfort and pressure redistribution combined

The *Invacare Softform Premier Visco* is constructed from a range of superior quality materials. The lower 'U' shaped layer is made up of robust high density foam, to prevent the mattress bottoming out and improve longevity. The central core includes a high density, visco elastic (memory) foam top section which warms to conform to body shape, maximising the body contact area to give good pressure reduction.

### 'Strikethrough Resistant Technology®'

The cover is made from a highly chemically resistant polyurethane polymer making it much more resistant to abrasion and damage and swells less with water contact. When cleaning a cover with 'Strikethrough Resistant **Technology**®', the material changes less and thus reverts to its natural state very quickly. The time in which the cover is more prone to physical damage is significantly reduced.



### Does not require turning or rotating

This mattress does not require turning or rotating, significantly minimising manual handling issues.



### **Modular Construction**

Enables easy replacement of parts, increasing product longevity. Insert pad can be interchanged with regular castellated foam, if required.



### Full length flap conceals zip

The full length flap protects the zip. This reduces the possible risk of fluid ingress, preventing contamination of the foam core.



### Added protection

Multi stretch, breathable, waterproof cover with corner welds, reducing the opportunity for accumulation of dust and liquid residues.

### **Technical data**



Visco

Softform Single Size (660 - 900 mm) Premier Double Size3 (910 - 1370 mm) King Size<sup>3</sup> (1380 - 1525 mm)



Lenath: 1410 -2080 mm



Height: 152 mm



Weight: 13 kg



Max. User Weight: 247.6 kg (39 stone)



Cleaning: 80°

Manufactured to European Standards: BS EN 597-1 Cig, BS EN 597-2 Match, BS7177: 1996 Crib Source 5

.....

CE



Violet

- 1/ Essential nursing care is pivotal in pressure ulcer prevention. This mattress will positively contribute to the outcome of a pressure ulcer prevention care plan. Education, clinical judgement and action based planning based on vulnerability are fundamental factors in the prevention of pressure ulcers. A range of assessment scales can be used as a formal method of assessing risk from pressure ulcer development, and should be used in conjunction with an informal assessment (informed nursing judgement). Informal assessment is considered to be of greater importance and clinical value.
- 2/ Please note: The cover is not Strikethrough proof. Misuse or incorrect care and handling can cause damage to
- 3/ The Double and Kingsize mattresses are not available with the Strikethrough Resistant Technology® cover.

# Invacare | Softform Premier Spinal





Warranty

Foam 4 years Cover 2 years



### Unique spinal injury mattress providing optional support surfaces

The Invacare Softform Premier Spinal is a high specification replacement mattress designed for those with newly acquired spinal injuries. Practical and durable, this mattress delivers exceptional levels of comfort and pressure reduction, and aids patient rehabilitation.

The 'Strikethrough Resistant Technology™'¹ cover has been designed to manage pressure area care, infection control and patient safety, all at a cost effective price. The new cover makes this a clinically effective mattress that is robust enough to withstand the rigorous demands of a 21st century healthcare environment.

The **Softform Premier Spinal** is suitable for those considered at 'Very High Risk' <sup>2</sup> of developing pressure ulcers.



Does not require turning or

This mattress does not require

turning or rotating, significantly

minimising manual handling

rotating

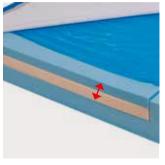
issues.



### **Features**

### Stable support surface

The Invacare Softform Premier Spinal features a unique dual foam insert providing a choice of two stable support surfaces with excellent comfort abilities, whilst reducing shear, friction and pressure for patients with spinal injuries. The design of the mattress allows for excellent conformity when profiled on electric bed frames.



### Unique dual foam insert provides two surface options

The blue insert on top provides a high density surface for additional stability whilst the orange insert on top immerses the patient more into the mattress.



### 'Strikethrough Resistant Technology™'

The cover is made from a highly chemically resistant polyurethane polymer which swells less with water contact, making it much more resistant to abrasion and damage. When cleaning a cover with 'Strikethrough Resistant Technology™', the material is less prone to change and reverts to its natural state very quickly. The time in which the cover is more prone to physical damage is significantly reduced.



### Single piece foam "U" core

Facilitates patient transfer by providing effective side-wall support. Robust foam base prevents the mattress from bottoming out.



stretch, breathable, waterproof cover with corner welds, reducing the opportunity for accumulation of dust and liquid residues.

### Technical data

Full length flap conceals zip

The full length flap protects the

zip. This reduces the possible

risk of fluid ingress, preventing

contamination of the foam core.



660-900mm



1250-2100mm



152 mm



14 ka



Max. User Weight: 247.6 kg (39 Stone)



Cleaning: 80°

Manufactured to European Standards: BS EN 597-1 Cig, BS EN 597-2 Match. Foam Interior: BS 5852: 1990 Crib Source 5; Cover BS7175: 1989 Crib Source 5. Composite tested to BS 7177 Crib 5.

Single



- 1/ Please note: The cover is not Strikethrough proof. Misuse or incorrect care and handling can cause damage to the mattress cover.
- 2/ Essential nursing care is pivotal in pressure ulcer prevention. This mattress will positively contribute to the outcome of a pressure ulcer prevention care plan. Education, clinical judgement and action based planning based on vulnerability are fundamental factors in the prevention of pressure ulcers. A range of assessment scales can be used as a formal method of assessing risk from pressure ulcer development, and should be used in conjunction with an informal assessment (informed nursing judgement). Informal assessment is considered to be of greater importance and clinical value.

# Invacare | Softform Excel



Warranty
Foam 2 Years
Cover 2 Years



### **Pressure redistributing mattress**

The *Invacare Softform Excel* provides a high level of comfort and is constructed from high specification foam which provides even weight distribution for greater comfort and pressure redistribution. With a robust foam base, it prevents the mattress from bottoming out and is suitable for those considered 'At Risk'\* of developing pressure ulcers.





### Effective pressure ulcer prevention

The core of the Invacare Softform Excel is constructed from a series of 'kevhole cut' cells, which move independently to evenly distribute weight, promoting greater comfort and facilitating pressure redistribution. The robust base features a firm layer of high density foam to provide substantial support.

### Multi stretch PU waterproof cover

The cover fabric provides excellent recovery and durability, and helps to reduce shear and friction forces. The base of the mattress is a tough coated polyurethane (PU) which protects the mattress when used with electric profiling bed frames.



Zip around three sides Allows easy inspection of the foam core.



**Rotate-only mattress** Rotate-only turning cycle will increase product longevity. Non turn reduces the amount of manual handling required.



Strong, durable construction The Invacare Softform Excel is an established choice of healthcare professionals.



Softform Standard width: 800, 855, 880, 900 mm



Standard length: 1950 mm



Height: 152 mm



Weight: 10 kg



Max. Client Weight: 140 kg (22 stone)



Cleaning: 80°

Manufactured to European Standards: BS7177: Crib 5

CE

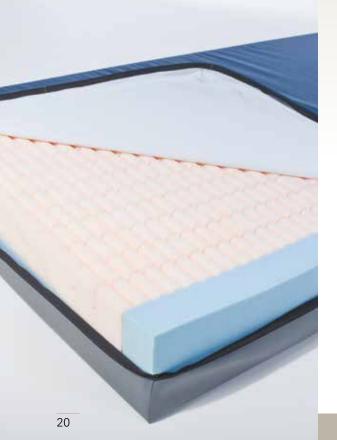
Excel



\* Essential nursing care is pivotal in pressure ulcer prevention. This mattress will positively contribute to the outcome of a pressure ulcer prevention care plan. Education, clinical judgement and action based planning based on vulnerability are fundamental factors in the prevention of pressure ulcers. A range of assessment scales can be used as a formal method of assessing risk from pressure ulcer development, and should be used in conjunction with an informal assessment (informed nursing judgement). Informal assessment is considered to be of greater importance and clinical value.

# Invacare | Softform Premier Original





### Cost effective solution to Pressure Ulcer Management

The *Invacare Softform Premier Original* is a high specification replacement mattress designed to meet the demands of the Community and Acute healthcare environment. Practical and durable, this mattress delivers exceptional levels of comfort and pressure redistribution at a cost effective price. The *Softform Premier Original* is suitable for those considered at 'High/Very High Risk' of developing pressure ulcers.





**Features and Options** 

### Effective pressure ulcer prevention

The Invacare Softform Premier Original features a castellated insert, constructed from geometric cut surface cells, which move independently to provide excellent patient comfort, reduce shear and friction and optimise pressure reduction. The key hole channels at the base of each cell allows essential air circulation, minimising the build up of heat and moisture.

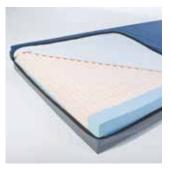
### Cover is resistant to fluid ingress

The outer cover is a multi stretch, waterproof, polyurethane fabric with high frequency welded seams; and a full length flap concealing the zip. These features combine to effectively reduce the potential of fluid entering into the mattress. The base of the mattress features a toughened PU coating to prolong the longevity of the mattress.



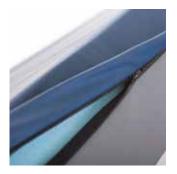
### Does not require turning or rotating

This mattress does not require turning, significantly minimising manual handling issues.



Single piece foam "U" core

Facilitates patient transfer by providing effective side-wall support. Robust foam base prevents the mattress from bottoming out.



Full length flap conceals zip

The full length flap protects the zip. This reduces the possible risk of fluid ingress, preventing contamination of the foam core.



Length x Width: 2000 x 880 mm or 2000 x 855 mm



Height: 152 mm



Weight: 13 kg



Max. Client Weight: 247,6 kg (39 stone)



Cleaning: 80°

Manufactured to European Standards: BS EN 597-1 Cig, BS EN 597-2 Match and BS 7177: Crib Source 5 (top, bottom and misuse)

Softform

Premier

Original



Blue

1/ Essential nursing care is pivotal in pressure ulcer prevention. This mattress will positively contribute to the outcome of a pressure ulcer prevention care plan. Education, clinical judgement and action based planning based on vulnerability are fundamental factors in the prevention of pressure ulcers. A range of assessment scales can be used as a formal method of assessing risk from pressure ulcer development, and should be used in conjunction with an informal assessment (informed nursing judgement). Informal assessment is considered to be of greater importance and clinical value.

### Invacare | Softform Bariatric





Warranty 1 year



### **Exceptional pressure re-distribution for heavier** patients

Softform Bariatric provides a high level of patient comfort whilst offering effective pressure re-distribution. Suitable for use on all types of profiling beds, the mattress is essential for patients whose needs cannot be met with standard products. This high specification pressure redistributing mattress has been designed to meet the demands of Community and Acute healthcare environments. Practical and durable, this mattress is suitable for those heavier patients that are considered at 'Very High Risk' 1 of developing pressure ulcers.



**Unique Glide System** 



**Features and Options** 

### The challenges of obese patients

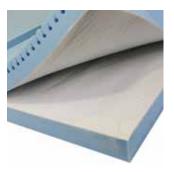
Obese patients (a BMI >40, WHO 2000) have an increased risk of pressure ulcer development. Due to reduced vascularity and profusion of adipose tissue in obese patients wound healing is prolonged so preventative measures for Bariatric patients are essential. This mattress has been specifically designed to meet the needs of heavier patients and the challenges faced by carers and clinicians in managing their care.



### Added Protection and Comfort

Multi stretch, breathable, waterproof cover with corner welds, reducing the opportunity for accumulation of dust and liquid residues.

The patented Glide design and split section at the backrest section of the mattress enables it to conform effectively with a profiling bed. This significantly reduces inappropriate and unwanted patient movement that can contribute to tissue damage caused by shear and friction forces, so reducing the need for unnecessary moving and handling, a difficult task for this group of patients.



### Added protection

High frequency welded protect waterproof seams mattress core from contamination. The base of the Softform Bariatric is made from a toughened PU coated material which is designed to extend the life of the mattress The vapor permeable fabric allows the skin to breathe and can reduce the effects of skin damage caused by profuse sweating, which can be a common problem for many obese patients.



The cut foam castillations distribute pressure evenly, reducing the risk of pressure ulcers for the bariatric patient who will likely have limited range of movement.

Many obese patients have difficultly lying flat due to breathing difficulties. The hinged backrest section of the the **Softform Bariatric** mattress will be an advantage to many.

### **Technical data**



**Softform** 1150 - 1200 mm **Bariatric** 



Length: 2000 mm



Height: 152 mm



Weight: 15 kg



Max. User Weight: 340 kg (53.5 Stone)



Cleaning: 80°



Bariatric use

### Colour



1/ Essential nursing care is pivotal in pressure ulcer prevention. This mattress will positively contribute to the outcome of a pressure ulcer prevention care plan. Education, clinical judgement and action based planning based on vulnerability are fundamental factors in the prevention of pressure ulcers. A range of assessment scales can be used as a formal method of assessing risk from pressure ulcer development, and should be used in conjunction with an informal assessment (informed nursing judgement). Informal assessment is considered to be of greater importance and clinical value.

# Invacare | Essential Plus



Warranty

4 years foam 2 years cover



### **Cost effective pressure redistributing mattress**

The *Invacare Essential Plus* is an entry level pressure ulcer prevention mattress designed for the community healthcare environment. Practical and durable, this mattress offers comfort, support and pressure redistribution at a cost effective price. The *Essential Plus* is suitable for those considered at 'High Risk' of developing pressure ulcers.





### **Effective Pressure Ulcer Prevention**

The core of the Invacare Essential Plus is constructed from a series of 'keyhole cut' cells, which move independently to evenly distribute weight, promoting greater comfort and facilitating pressure ulcer prevention.

### Cover is resistant to fluid ingress

The outer cover is a multi stretch, water resistant, polyurethane fabric providing excellent recovery and durability which help to reduce shear and friction forces. The cover has a white inner liner allowing easy inspection for strikethrough or other cover damage.



### Turn and rotate

Double sided castellated foam allows the mattress to be turned or rotated for increased product longevity.



#### Available in the following sizes:

L2000 x W855 x D140mm Part no: 1576201

L1950 x W880 x D140mm Part no: 1576200



### Zip around three sides

Allows easy inspection of the foam core and easy removal for laundering.

### **Technical data**



Invacare

Mattress sizes: Essential Plus 2000 x 855 mm and 1950 x 880 mm



Height: 140 mm



Weight: 14 kg



Max. User Weight: 140 kg



Cleaning: 80°

### Mattress is manufactured to:

BS EN 597-1 Cig, BS EN 597-2 Match and BS 7177: Crib Source 5



1/ Essential nursing care is pivotal in pressure ulcer prevention. This mattress will positively contribute to the outcome of a pressure ulcer prevention care plan. Education, clinical judgement and action based planning based on vulnerability are fundamental factors in the prevention of pressure ulcers. A range of assessment scales can be used as a formal method of assessing risk from pressure ulcer development, and should be used in conjunction with an informal assessment (informed nursing judgement). Informal assessment is considered to be of greater importance and clinical value.

## Invacare | Essential Comfort





### Cost effective comfort mattress

The Invacare Essential Comfort is a basic entry level pressure redistributing mattress designed for the community healthcare environment. Manufactured from a highly resilient foam, this mattress provides a good level of comfort at a cost effective price.





### **Comfort and stability**

The Invacare **Essential Comfort** mattress is constructed from a highly resilient foam, providing a good level of comfort and a stable support surface for the patient.

### Cover is resistant to fluid ingress

The outer cover is a multi stretch, water resistant, polyurethane fabric providing excellent recovery and durability which help to reduce shear and friction forces. The cover has a white inner liner allowing easy inspection for strikethrough or other cover damage.



Turn and rotate

Mattress can be turned or rotated for increased product longevity.



Available in the following

sizes:

.....

L2000 x W880 x D120mm Part no: 1546004

L2000 x W855 x D120mm

Part no: 1538897

L1970 x W880 x D120mm Part no: 1538896



Zip around three sides

Allows easy inspection of the foam core and easy removal for laundering.



Invacare Essential Comfort

Mattress sizes : 2000 x 855 mm 2000 x 880mm

and 1970 x 880 mm



Height: 120 mm



Weight: 9 kg



Max. User Weight: 110 kg / 17 stone



Cleaning: 80°

### Mattress is manufactured to:

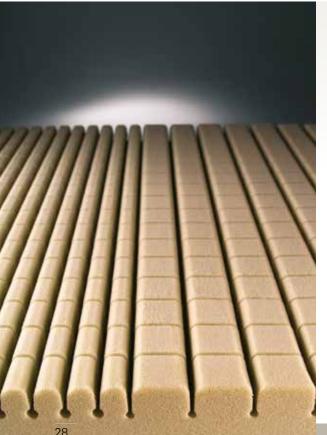
BS EN 597-1 Cig, BS EN 597-2 Match and BS 7177: Crib Source 5

1 year warranty



# Invacare | Propad Mattress Overlay





### High specification pressure redistributing overlay

The **Propad Overlay** is designed to sit on top of an existing conventional mattress, providing a high level of patient comfort with excellent pressure redistribution abilities. The overlay is light weight, available in a range of sizes and suitable for those considered at 'High Risk'\* of developing pressure ulcers, making it ideal for the homecare environment.



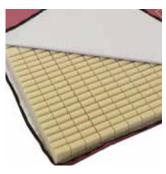
### **Effective Pressure Ulcer Prevention**

foam core has independent, geometrically-cut surface cells which significantly reduce shear and friction, whilst increasing the overall support surface area, thereby reducing peak pressure.

### **Even Weight Distribution**

The **Propad Overlay** has larger, more supportive cells at the centre and smaller cells at each enabling the mattress overlay to achieve even weight distribution by conforming to the shape and form of the body and cradle bony prominences.

### **Features and Options**



Cover helps to prevent a build up of shear and friction forces

Cover is multi stretch, waterresistant and vapour-permeable.



Available in a range of sizes Single - 187.5 x 87.6 x 8.5 cm, Double - 187.5 x 137.2 x 8.5 cm, King Size - 198 x 152.4 x 8.5 cm.



Covers have an anti-slip base Ensures safe use of the **Propad** Overlay and helps to prevent slippage.



Std sizes:  $187.5 \times 87.6 \times 8.5 \text{ cm}^{-1}$ 1875 x 1372 x 8 5 cm<sup>2</sup> 198 x 152 4 x 8 5 cm 3 Additional sizes available on

request



Height: 8.5 cm



Weight: 5.5 kg



Max User Weight: 108 kg (17 stone)



Cleaning: 80°

1/ Single

Propad

Mattress

Overlay

BS 7177 Crib 5 2/ Double

3/ King Size

Manufactured to European Standards:

Warranty 3 Years

CE



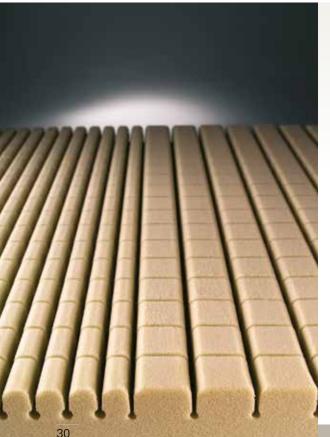
Violet Quartz

\* Essential nursing care is pivotal in pressure ulcer prevention. This product will positively contribute to the outcome of a pressure ulcer prevention care plan. Education, clinical judgement and action based planning based on vulnerability are fundamental factors in the prevention of pressure ulcers. A range of assessment scales can be used as a formal method of assessing risk from pressure ulcer development, and should be used in conjunction with an informal assessment (informed nursing judgement). Informal assessment is considered to be of greater importance and clinical value.

# Invacare | Propad Premier Overlay



3 Year warranty



### Easy transport and storage solution

The **Propad Premier Overlay** is designed to sit on top of an existing conventional mattress, providing a high level of patient comfort with excellent pressure redistribution abilities. The overlay is light weight and suitable for those considered at 'High Risk'\* of developing pressure ulcers, making it ideal for the homecare environment. The design of the overlay along with the retaining straps enables it to fold to a quarter of its size, ensuring ease of handling and transportation.





**Features and Options** 

### **Effective Pressure Ulcer Prevention**

The *Invacare Propad Premier Overlay* has a foam core which has independent, geometrically-cut surface cells. This significantly reduces shear and friction whilst increasing the support surface area, thereby reducing peak pressure.

### **Even Weight Distribution**

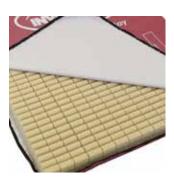
The foam core has larger, more supportive cells at the centre and smaller cells at each end.

This enables the mattress overlay to achieve even weight distribution by conforming to the shape and form of the body and cradles bony prominences.



Folds down to a quarter of its length

Facilitates easy storage and delivery. Carrying and retaining strap ensures ease of handling and transportation.



Cover helps to prevent a build up of shear and friction forces against the client

Cover is multi stretch, waterresistant and vapour-permeable. Covers feature an anti-slip base.



Size:  $73.8 \times 34.5 \times 3.3/8$ " (187.5 x 87.6 x 8.5 cm). Suitable for a standard single bed. Additional sizes available on request.

### Technical data



Std sizes:

73.8 x 34.5 x 3.3/8" (187.5 x 87.6 x 8.5 cm) Additional sizes available on request



Height: 8.5 cm



Weight: 5.5 kg



Max Client Weight: 108 kg (17 stone)



Cleaning: 80°

Manufactured to European Standards: BS 7177 Crib 5

**Warranty 3 Years** 

### Coloui

CE

Propad

Premier

Overlay



Violet Quartz

\* Essential nursing care is pivotal in pressure ulcer prevention. This product will positively contribute to the outcome of a pressure ulcer prevention care plan. Education, clinical judgement and action based planning based on vulnerability are fundamental factors in the prevention of pressure ulcers. A range of assessment scales can be used as a formal method of assessing risk from pressure ulcer development, and should be used in conjunction with an informal assessment (informed nursing judgement). Informal assessment is considered to be of greater importance and clinical value.

# Invacare | Propad Visco Overlay





### **Dual layered visco elastic overlay**

The Propad Visco Overlay is composed a polyurethane cover and features a high density visco elastic (memory) foam surface with a robust foam base.

This high specification surface is temperature sensitive allowing it to conform to the shape of the body and maximise contact area. This facilitates pressure redistribution and minimises pressure on key areas of the body such as the sacral and heels.





**Features and Options** 

### **Comfort and Conformity**

The interior of the overlay has a top layer of high density visco elastic foam, which is temperature-sensitive. The foam warms and conforms to body shape, maximising the body contact area. This provides exceptional comfort and facilitates pressure reduction by minimising peak pressures.

### High density supportive foam base

The dual layer construction, combines a high level of comfort with improved longevity, due to the supportive, robust foam base.



Cover helps to prevent a build up of shear and friction forces against the client

Cover is multi stretch, waterresistant and vapour-permeable.



Available in a range of sizes
The Invacare Propad Visco
Overlay is available in 2 standard

sizes:

Single:  $187.5 \times 87.6 \times 8.5$  cm, Double:  $187.5 \times 137.2 \times 8.5$  cm. Additional sizes available on request.



Covers have an anti-slip base Ensures safe use of the *Propad Visco Overlay* and helps prevent slippage.

### Technical data



Size: 187.5 x 87.6 x 8.5cm <sup>1</sup> 187.5 x 137.2 x 8.5cm <sup>2</sup>

187.5 x 137.2 x 8.5cm <sup>2</sup> Additional sizes available on request



Height: 8.5 cm



Weight: 7.1 kg



Max Client Weight: 108 kg (17 stone)



Cleaning: 80°

1/ Single Manufactured to European Standards: 2/ Double BS 7177 Crib 5

**Warranty 3 Years** 

Coloui

CE

Propad

Overlay

Visco



Violet Quartz

\* Essential nursing care is pivotal in pressure ulcer prevention. This product will positively contribute to the outcome of a pressure ulcer prevention care plan. Education, clinical judgement and action based planning based on vulnerability are fundamental factors in the prevention of pressure ulcers. A range of assessment scales can be used as a formal method of assessing risk from pressure ulcer development, and should be used in conjunction with an informal assessment (informed nursing judgement). Informal assessment is considered to be of greater importance and clinical value.

### Invacare | Technical Information

# - Pressure Area Care Products

Product	Warranty	Fire Testing	Grade Ref & Colour	Nominal Density Range (kg/m)	Nominal Hardness Range (N)	Fatigue Class	Weight of Product (kg)
Invacare Softfo	orm <sup>®</sup>						
Premier Active 2	4 Years cover 8 Years foam 2 Years insert 2 Years pump	BS 7177: Crib Source 5 (top, bottom and misuse)	RX39/120 Pink RX39/200 Blue	38 - 40 38 - 40	110 - 130 175 - 215	Very Severe	15
Premier MaxiGlide	4 years cover 8 years foam	BS 7177: Crib Source 5 (top, bottom and misuse)	GR. RX 39/120 Pink GR.RX 39-200 Blue	38 - 40 38 - 40	105 - 135 180 - 200	Very Severe	14
Premier	5 Years cover 10 Years foam	BS 7177: Crib Source 5 (top, bottom and misuse)	Gr. 39/120 Pink Gr. RX 39/200 Blue	38 - 40 38 - 40	105 - 135 180 - 200	Very Severe	13
Premier Visco	4 Years	BS 7177: Crib Source 5 (top, bottom and misuse)	Gr. RX 39/120 Pink Gr. RX 39/200 Blue Gr. VC5580 White	38 - 40 38 - 40 55	105 - 135 180 - 200 80	Very Severe	14
Premier Spinal	2 years cover 4 years foam	BS 7177: Crib Source 5 (top, bottom and misuse)	Gr. 39/120 Pink Gr. RX 39/200 Blue	38 - 40 38 - 40	105 - 135 180 - 200	Very Severe	14
Excel	2 Years	BS 7177: Crib Source 5 (top, bottom and misuse)	Gr. RX 39/120 Pink Gr. RX 39/200 Blue	35 - 37 38 - 40	105 - 135 180 - 200	Very Severe	10
Premier Original	4 Years cover 8 Years foam	BS7177: Crib Source 5 (top, bottom and misuse)	Gr. RX 39/120 Orange GR. RX 39/200 Blue	38 - 40 38 - 40	135 - 165 180 - 200	Very Severe	13
Bariatric	1 year		Gr. 39/120 Pink Gr. RX 39/200 Blue	38 - 40 38 - 40	105 - 135 180 - 200	Very Severe	15
Invacare* Essential							
Essential Plus	2 Years cover 4 Years foam	BS 7177: Crib 5	RX 41/150 Grey	40 - 42	135 - 165	Very Severe	14
Essential Comfort	1 Year	BS 7177: Crib 5	RX 33-160 Green	32 - 34	145 - 175	Very Severe	9
Invacare® Propad®							
Premier Overlay	3 Years	BS 7177: Crib Source 5	Gr. RX36/125 Beige	35 - 37	110 - 140	Very Severe	5,5
Original Overlay	3 Years	BS 7177: Crib Source 5	Gr. RX36/125 Beige	35 - 37	110 - 140	Very Severe	5,5
Visco Overlay	1 Year	BS 5852: Crib Source 5 and BS 7175: Crib Source 5	Gr. VC5580 White Gr. RX36/125 Beige	55 35 - 37	80 110 - 140	N/A Very Severe	7,1

### **Mattress and Bed Compatibility**

The bed standard IEC 60601-2-52 ensures maximum safety for both patients and healthcare professionals when using community and acute beds. One element of this standard is mattress and bed compatibility.

From 1st April 2013, every bed manufacturer/ supplier must state in the product user-manual the dimensions of the mattress to be used on the bed frame. Please note: the bed manufacturer/ supplier must specify technical dimensions of the mattress only, this is not a specification of a mattress brand.

At Invacare, we have state of the art mattress manufacturing equipment and technology all under one roof. This enables us to make our mattresses in a range of sizes to fit acute and community bed frames.



# Pressure Ulcer Risk Assessment

When assessing an individual for a pressure reducing cushion or mattress, it is always advisable to carryout some form of risk assessment. This risk assessment can include a formal risk assessment scale such as the Norton scale (1962), the Braden scale (1985) and the Waterlow scale (1985). The Waterlow scale for example provides a guide category of potential risk for that individual, based on the final score.

Category	Waterlow Score
At Risk	10+
High Risk	15+
Very High Risk	20+

However, it is recommended that the results of a formal risk assessment are always considered alongside more informal clinical judgement before the total care package is decided, of which pressure management equipment is an important part. This ensures that factors that may not be included in the formal risk assessment are given sufficient consideration.

In addition, Invacare recommend that guidance on pressure ulcer risk assessment is sought from relevant institutes, agencies and advisory panels as detailed in the reference section below.

### Waterlow Score

	Product	Waterlow Score
Mattress	Softform Premier	20+
	Softform Premier MaxiGlide	20+
	Softform Premier Active 2	20+
	Softform Premier Spinal	20+
	Softform Premier Original	20+
	Softform Premier Visco	15+
	Softform Excel	10+
	Softform Bariatric	20+
	Essential Plus	20+
Overlay	Propad Overlay	15+
	Propad Premier Overlay	15+
	Propad Visco Overlay	15+

### References

Bergstrom N., Braden, B., Laguzza A., Holman, V. The Braden Scale for predicting pressure sore risk: reliability studies. Nurs Res 1987; 34(6);205-210.

European Pressure Ulcer Advisory Panel and National Pressure Ulcer Advisory Panel. Prevention and treatment of pressure ulcers: quick reference guide. Washington DC: National Pressure Ulcer Advisory Panel; 2014.

National Institute for Clinical Excellence. NICE Guidelines 179 Pressure Ulcers Prevention and Management of Pressure Ulcers; April 2014.

Norton, D., Exton Smith A.N., McLaren R. An investigation of geriatric nursing problems in hospital. London: National Corporation for the Care of Old People. 1962.

Waterlow, J. A risk assessment card. Nurs Times 1985; 81 (49);5115

Waterlow, J. The Waterlow pressure ulcer prevention manual. Taunton: Newtons. 2005.

### Invacare Cleaning and Care

### Cleaning the covers

It is recommended that a solution of neutral detergent and warm water with a single use non-abrasive cloth is used to clean the mattress covers. Ensure the cover is rinsed with clean water, using a single use non-abrasive cloth and make sure the surface is thoroughly dried.

All covers are removable for laundering. The recommended washing temperature is between 60° C - 80° C using a diluted detergent solution (please see instructions on label).

The mattress covers should then be hung from a line or bar and drip dried in a clean indoor environment. Tumble dry on a low heat setting. Covers must be thoroughly dried before re-fitting to the mattress.



Tumble dry setting must not exceed 40° C



Do not tumble dry for longer than 10 minutes



Washing at higher temperatures may cause shrinkage

### Disinfecting the covers

**Light soilage:** Ensure that any residual detergent has been removed prior to disinfection. The cover can be wiped down with a 0.1% Chlorine Solution (1,000ppm). Ensure that the cover is rinsed with clean water using a single use nonabrasive cloth, and thoroughly dried.

**Heavy soilage:** For spillages of bodily fluids i.e blood, urine, faeces, sputum, wound exudate and all other bodily secretions. All spillages should be cleared up as soon as possible. A 1% Chlorine Solution (10,000ppm) can be used to disinfect the mattress. Rinse well with clean water and a damp single use non-abrasive cloth. Large spillages of blood should be absorbed and removed with paper towels followed by as above. Do not use granules. The surface should then be rinsed using clean water with a clean non-abrasive cloth.

Polyurethane coated fabrics can absorb liquids for short periods causing a temporary change to the polyurethane characteristics. The mattress cover swells temporarily and is more vulnerable to physical damage for a period after it is surface dried, by which time it will revert to its previous state.

The foam when either contaminated or when it reaches its end of life should be disposed of in accordance with Environmental Legislation.



1% Chlorine Solution used on a regular basis can diminish the life of the cover if not rinsed and dried properly.



Contaminated foams should be removed from use.



Do not use phenols, alcohols, bleaches, or abrasive materials.



Keep Clear of Open Heat Sources.

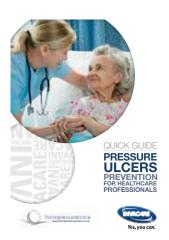
N.B; Always ensure you read the user instructions prior to use and inspect the interior and exterior of the mattresses and overlays on a regular basis.



For further information on mattress cleaning and care, please refer to the BHTA 'Protect, Rinse and Dry' document that can be downloaded from www.bhta.net.



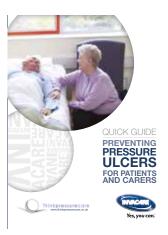
# Invacare | Educational Resources



Preventing Pressure Ulcer – A Clinical Guide 1517305



Concepts of chair nursing 1492635



Preventing Pressure Ulcers for Patients and Carers. 1573897



Simple...safe...effective... the 30° tilt 1492224



Mattress Care 1492637



Mattress Cleaning 1578360



Areas at risk from pressure damage 1492636



Pressure Ulcer Classification 1522584



Pressure Moving and Handling

### Invacare | Clinical Resources

Extensive peer reviewed clinical evidence is available to support the product range.

### Softform Premier

Evaluating pressure reducing foam mattresses and electric bed frames Gray D, Cooper P, Stringfellow S. British Journal of Nursing (2001)

Pressure area management: a static led approach Thomas J, James J. British Journal of Nursing (2002)

A static led approach to pressure ulcers: an evaluation after 3 years James J. British Journal of Nursing (2004)

The role of education, technique and equipment in pressure area care Wilson G, Logan L. British Journal of Nursing (2005)

#### Softform Premier Active 2

A clinical audit of the **Softform Premier Active 2** mattress in two Acute Care of the Elderly wards

Gray D, Cooper P, Bertram M, Duguid K, Pirie G. Wounds UK (2008)

**Softform Premier Active 2** mattress: a novel step-up/ step-down approach Thompson G. British Journal of Nursing (2006)

Achieving effective outcomes: monitoring the effectiveness of the **Softform Premier Active 2** mattress

Stephen-Haynes J. British Journal of Community Nursing (2010)

### Others

Changing pressure – redistributing mattress stocks: costs and outcomes Clark, M. British Journal of Nursing (2005)

Strikethrough: review of research on mattress cover performance Russell, L. British Journal of Nursing (2001)



# Invacare | Audit Team – Working with you

### **Care Quality Commission**

On the 1st April 2009, the Care Quality Commission (CQC) launched a range of objectives that focused on improving standards within the NHS. A number of inspection policies, updated procedures and working practices have followed. This resulted in the CQC carrying out audits to ascertain the condition of healthcare equipment to ensure the safety and security of patients and healthcare workers.

### How Invacare can help

At Invacare, we understand the time and resources required to carry out a product audit. To show our continued support, Invacare provides a free of charge audit service to all healthcare sectors. Our highly trained team can carry out an audit on the following products:

- Static Mattresses
- Overlays
- Cushions

The team will inspect all covers and foams for foam wear and strikethrough, which occurs when bodily fluids penetrate the outer cover of the mattress and contaminate the inside and foam.



Audit and Placement service

Invacare also offer a placement service in which the Audit team provide spare foam and covers as well as complete mattresses, overlays and cushions at the time of the audit (when requested). As the team carry out the audit, they are able to replace damaged or contaminated products on the same day.

"I would like to express my appreciation on behalf of myself and the Trust for all the help, support and hard work shown to us during the mattress audit by the Invacare team. It was greatly appreciated, could you please pass on my regards to all members involved."

Sharon Wimpenny – Warrington and Halton Hospitals NHS foundation Trust

"The whole team were professional and efficient from start to finish. They went beyond the call of duty in some cases to accommodate clinical needs. I really can't express how valuable it is to work with a team in which I have absolute confidence. I look forward to working with you next year!"

Helen Roden - Heart of England NHS Foundation Trust

For more details on the Invacare Audit service, please contact your local Invacare Business Development Manager or call Customer Services on 01656 776222.



Customer Service Tel.: 01656 776222 Ireland Tel.: +353 1 8107084



Invacare Limited
Pencoed Technology Park - Pencoed - Bridgend
CF35 5AQ - United Kingdom
Tel: +44 1 656 776 222
Fax: +44 1656 776 220
E-mail: uk@invacare.com
Sales Order E-mail:
ordersuk@invacare.com
www.invacare.co.uk

Invacare Ireland Ltd Unit 5 - Seatown Business Campus Seatown Road - SWORDS - County Dublin -Ireland

Tel. +353 1 8107084 Fax +353 1 8107085 Email: Ireland@invacare.com www.invacare.ie © 2015 Invacare International Sàrl. All rights reserved.

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Pressure Reducing Mattresses and Overlays - UK - 01/2015 - 1551518