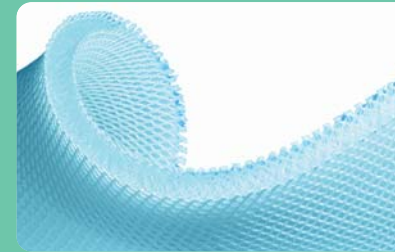


# Advance Mattresses and Overlays



# Air-Layer Advance

The Air-Layer Advance combines the traditional benefits of a visco-elastic mattress with the latest air layer technology, to deliver optimum pressure reduction and exceptional patient comfort. The unique air layer surface helps to improve the micro-climate between the patient and the support surface, by reducing heat and vapour transfer rates by up to 25%.



## Advance Cover Technology

The Air-Layer Advance mattress is fully encased in an advanced outer cover material, constructed of a dense interlock knit polyurethane fabric with high frequency welded seams. These features combine to provide improved durability and an effective barrier to fluid ingress.



## Proven Patient Outcomes

**Improved micro-climate** – unique surface air layer reduces heat and vapour transfer rates between the patient and the support surface

**Minimised peak pressures** – visco-elastic foam conforms to the body, helping to reduce pressure around the most vulnerable bony prominences

**Optimum pressure reduction** – high specification support surface contributes to an effective pressure ulcer prevention plan

**Reduced shear and friction forces** – smooth multi-stretch cover allows the patient to glide over the surface of the mattress



## Benefits for Healthcare Professionals

- Suitable for use in Acute and Community environments
- Mattress best practice guidelines clearly printed on the cover
- Mattress does not require turning
- Cover and foam can be replaced individually

## Infection Prevention

- Waterproof, vapour permeable cover can be easily wiped clean
- High frequency welded seams reduce the risk of fluid ingress
- Zip is protected by a double sided, full length welded flap
- Cover can be removed and laundered at 80°C

Full length flap protects the zip from fluid ingress



MHRA approved cleaning and auditing guidelines printed on the cover



Also available in a mattress overlay



● ● ● ● Very High Risk

## Did you know?

Park House Healthcare provide a complete range of mattress auditing solutions

For more information see page 17

For full technical features see page 19

# Memaflex Advance

The Memaflex Advance mattress features a high density visco-elastic foam surface, ideal for delivering exceptional patient comfort and a high degree of pressure reduction. The temperature sensitive foam conforms to the shape of the body, creating a greater contact area and providing effective pressure redistribution.



## Advance Cover Technology

The Memaflex Advance mattress is fully encased in an advanced outer cover material, constructed of a dense interlock knit polyurethane fabric with high frequency welded seams. These features combine to provide improved durability and an effective barrier to fluid ingress.



## Proven Patient Outcomes

- Minimised peak pressures** – visco-elastic foam conforms to the body, helping to reduce pressure around the most vulnerable bony prominences
- Optimum pressure reduction** – high specification support surface contributes to an effective pressure ulcer prevention plan
- Encouraged skin integrity** – internal air channels in the foam's surface help to reduce the build up of heat and moisture on the skin
- Reduced shear and friction forces** – smooth multi-stretch cover allows the patient to glide over the surface of the mattress
- Enhanced patient positioning** – individually castellated cells conform independently, allowing the mattress to profile effectively

## Benefits for Healthcare Professionals

- Suitable for use in Acute and Community environments
- Mattress best practice guidelines clearly printed on the cover
- Mattress does not require turning
- Cover and foam can be replaced individually
- Also available in a bariatric, paediatric and double size mattress

## Infection Prevention

- Waterproof, vapour permeable cover can be easily wiped clean
- High frequency welded seams reduce the risk of fluid ingress
- Zip is protected by a double sided, full length welded flap
- Cover can be removed and laundered at 80°C



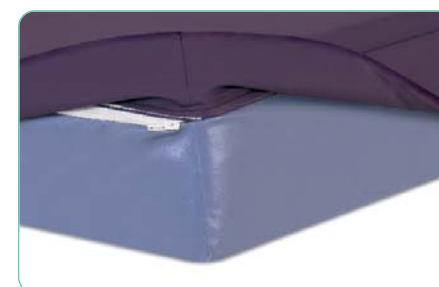
● ● ● High Risk

## Did you know?

Park House Healthcare provide a complete range of mattress auditing solutions

For more information see page 17

Full length flap protects the zip from fluid ingress



MHRA approved cleaning and auditing guidelines printed on the cover



Also available in a mattress overlay



For full technical features see page 19

# Permaflex Plus Advance

The Permaflex Plus Advance mattress features a castellated support surface within a 'U' shaped foam base. This unique design provides maximum support during patient transfers and delivers exceptional pressure reduction.



## Advance Cover Technology

The Permaflex Plus Advance mattress is fully encased in an advanced outer cover material, constructed of a dense interlock knit polyurethane fabric with high frequency welded seams. These features combine to provide improved durability and an effective barrier to fluid ingress.



## Proven Patient Outcomes

**Optimum pressure reduction** – high specification support surface contributes to an effective pressure ulcer prevention plan

**Encouraged skin integrity** – internal air channels in the foam's surface help to reduce the build up of heat and moisture on the skin

**Reduced shear and friction forces** – smooth multi-stretch cover allows the patient to glide over the surface of the mattress

**Enhanced patient positioning** – individually castellated cells conform independently, allowing the mattress to profile effectively

## Benefits for Healthcare Professionals

- Suitable for use in Acute and Community environments
- Mattress best practice guidelines clearly printed on the cover
- Mattress does not require turning
- Cover and foam (including u-shaped base) can be replaced individually

## Infection Prevention

- Waterproof, vapour permeable cover can be easily wiped clean
- High frequency welded seams reduce the risk of fluid ingress
- Zip is protected by a double sided, full length welded flap
- Cover can be removed and laundered at 80°C

● ● ● High Risk

## Did you know?

Park House Healthcare provide a complete range of mattress auditing solutions

For more information see page 17

Unique u-shaped base



MHRA approved cleaning and auditing guidelines printed on the cover



Full length flap protects the zip from fluid ingress



For full technical features see page 19

# Permafex Non-Turn Advance

The Permafex Non-Turn Advance mattress features a castellated support surface on top of a single piece foam base, designed to deliver excellent pressure reduction and provide optimum patient support.



## Advance Cover Technology

The Permafex Non-Turn Advance mattress is fully encased in an advanced outer cover material, constructed of a dense interlock knit polyurethane fabric with high frequency welded seams. These features combine to provide improved durability and an effective barrier to fluid ingress.

## Proven Patient Outcomes

**Optimum pressure reduction** – high specification support surface contributes to an effective pressure ulcer prevention plan

**Encouraged skin integrity** – internal air channels in the foam's surface help to reduce the build up of heat and moisture on the skin

**Reduced shear and friction forces** – smooth multi-stretch cover allows the patient to glide over the surface of the mattress

**Enhanced patient positioning** – individually castellated cells conform independently, allowing the mattress to profile effectively

## Benefits for Healthcare Professionals

- Suitable for use in Acute and Community environments
- Mattress best practice guidelines clearly printed on the cover
- Mattress does not require turning
- Cover and foam can be replaced individually

## Infection Prevention

- Waterproof, vapour permeable cover can be easily wiped clean
- High frequency welded seams reduce the risk of fluid ingress
- Zip is protected by a double sided, full length welded flap
- Cover can be removed and laundered at 80°C



● ● ● High Risk

## Did you know?

Park House Healthcare provide a complete range of mattress auditing solutions

For more information see page 17

Robust base support



MHRA approved cleaning and auditing guidelines printed on the cover



Full length flap protects the zip from fluid ingress



For full technical features see page 19

# Permafex Advance

The Permafex Advance mattress provides a cost effective solution to pressure ulcer management, whilst delivering the same excellent performance and reliability of the Permafex range.



## Advance Cover Technology

The Permafex Advance mattress is fully encased in an advanced outer cover material, constructed of a dense interlock knit polyurethane fabric, designed to provide improved durability and an effective barrier to fluid ingress.



## Proven Patient Outcomes

- Optimum pressure reduction** – high specification support surface contributes to an effective pressure ulcer prevention plan
- Encouraged skin integrity** – internal air channels in the foam's surface help to reduce the build up of heat and moisture on the skin
- Reduced shear and friction forces** – smooth multi-stretch cover allows the patient to glide over the surface of the mattress
- Enhanced patient positioning** – individually castellated cells conform independently, allowing the mattress to profile effectively

## Benefits for Healthcare Professionals

- Ideal for use in Community and Nursing Home environments
- Mattress best practice guidelines clearly printed on the cover
- Cover and foam can be replaced individually
- Also available in a bariatric, paediatric and double size mattress

## Infection Prevention

- Waterproof, vapour permeable cover can be easily wiped clean
- Concealed zip helps to reduce the risk of fluid ingress
- Cover can be removed and laundered at 80°C

● ● Medium Risk

## Did you know?

Park House Healthcare provide a complete range of mattress auditing solutions

For more information see page 17

Effective profiling



MHRA approved cleaning and auditing guidelines printed on the cover



Fully concealed zip helps to prevent fluid ingress



For full technical features see page 19

# Community Advance

The Community Advance is an ideal entry level mattress, for patients at some risk of developing pressure ulcers, who require a high level of comfort.



Fully concealed zip



MHRA approved cleaning and auditing guidelines printed on the cover



Effective profiling

● ● Medium Risk

## Benefits for Healthcare Professionals

- Ideal for use in Community and Nursing Home environments
- Mattress best practice guidelines clearly printed on the cover
- Cover and foam can be replaced individually
- Also available in a double size mattress

## Infection Prevention

- Waterproof, vapour permeable cover can be easily wiped clean
- Concealed zip helps to reduce the risk of fluid ingress
- Cover can be removed and laundered at 80°C

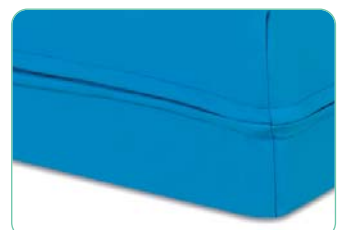
For full technical features see page 19

# Permapad Advance Overlay

The Permapad Advance Overlay provides a cost effective solution for patients who are at low risk of developing pressure ulcers and require a high degree of comfort.



Internal air channels help reduce the build up of heat and moisture



Fully concealed zip



MHRA approved cleaning guidelines printed on the cover

● ● Low to Medium Risk

## Benefits for Healthcare Professionals

- Ideal for use in Community and Nursing Home environments
- Mattress best practice guidelines clearly printed on the cover
- Cover and foam can be replaced individually
- Also available in a double size mattress overlay

## Infection Prevention

- Waterproof, vapour permeable cover can be easily wiped clean
- Concealed zip helps to reduce the risk of fluid ingress
- Cover can be removed and laundered at 80°C

For full technical features see page 19

# Duraflex

The Duraflex mattress has been specifically designed to provide a versatile mattress solution for specialist healthcare requirements, including the needs of mental health units.

## Versatile Mattress Solution

The Duraflex mattress is fully encased in a heavy duty duobase fabric cover, designed to withstand the rigorous demands of high tolerance working environments.

Available with a choice of pressure reducing foam inners and heavy duty cover options, the Duraflex mattress can be tailored to suit the most specific patient requirements.

Castellated foam option



Visco-elastic foam option



Fully sealed cover option



●●● Medium to High Risk†

### Did you know?

Park House Healthcare provide a complete range of mattress auditing solutions

For more information see page 17

## Benefits for Healthcare Professionals

- Suitable for use in specialist care environments, including mental health units
- Mattress best practice guidelines clearly printed on the cover\*
- Mattress does not require turning
- Cover and foam can be replaced individually\*

## Infection Prevention

- Waterproof, vapour permeable cover can be easily wiped clean
- Zip is protected by a double sided, full length welded flap\*
- High frequency welded seams reduce the risk of fluid ingress
- Cover can be removed and laundered at 80°C\*

Full length flap protects the zip from fluid ingress



MHRA approved cleaning and auditing guidelines printed on the cover



For full technical features see page 19

\* Not applicable to the fully sealed cover option

† Dependent on foam inner

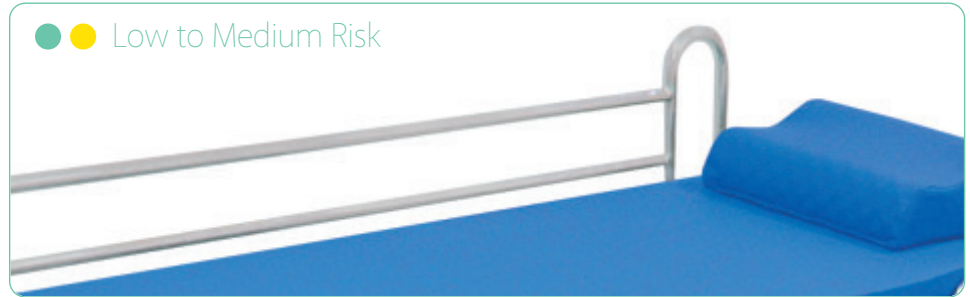


# A&E Trolley Mattresses

The Advance range of Trolley Mattresses are designed to deliver a comfortable, pressure reducing support surface for patients awaiting treatment in A&E. Suitable for use in x-ray theatres and fully compatible with a range of trolleys, they meet the demanding needs of the modern A&E department.

## Permalux Advance

- Concealed zip helps reduce the risk of fluid ingress
- Cover can be easily wiped clean
- Cover can be removed and laundered at 80°
- Does not require turning
- Available with a matching A&E pillow

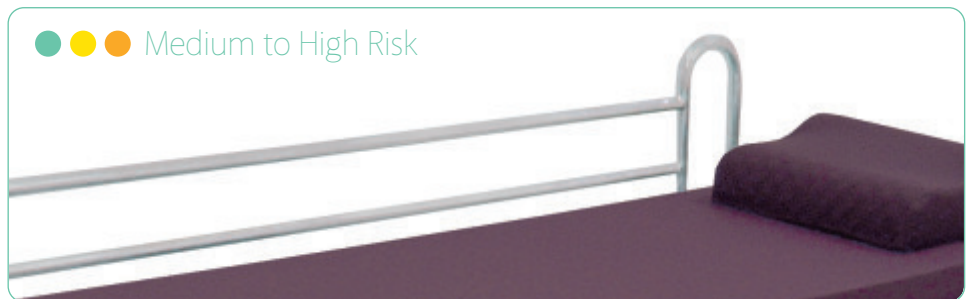


Product Code	APL037
Max. Weight limit	25 stones / 159 kgs
Risk Factor	Low to Medium Risk*

Warranty	2 years
Mattress Dimensions	198cm x 61cm x 7.5cm
Mattress Weight	4 kgs

## Memaflex Advance

- Concealed zip helps reduce the risk of fluid ingress
- Cover can be easily wiped clean
- Cover can be removed and laundered at 80°
- Does not require turning
- Available with a matching A&E pillow

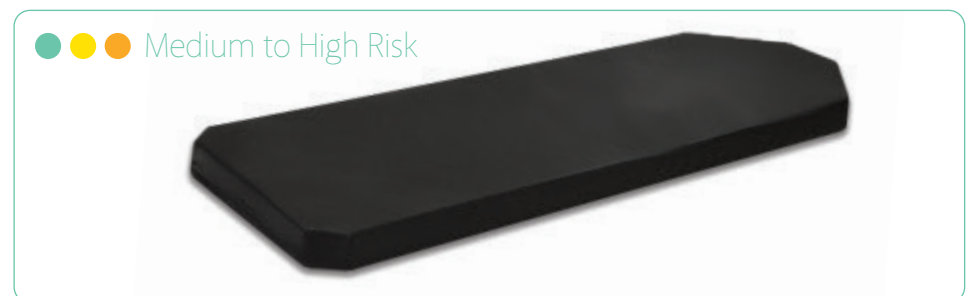


Product Code	APL112
Max. Weight limit	25 stones / 159 kgs
Risk Factor	Medium to High Risk*

Warranty	2 years
Mattress Dimensions	198cm x 61cm x 7.5cm
Mattress Weight	5.2 kgs

## Memaflex Advance

- Tapered corners and shaped head section
- Concealed zip helps reduce the risk of fluid ingress
- Cover can be easily wiped clean
- Cover can be removed and laundered at 80°
- Does not require turning



Product Code	APL172
Max. Weight limit	25 stones / 159 kgs
Risk Factor	Medium to High Risk*

Warranty	2 years
Mattress Dimensions	194cm x 66cm x 9cm
Mattress Weight	8 kgs

\*All equipment should be used in conjunction with clinical judgement and assessments dependent on individual patient morphology. Essential nursing care is pivotal in providing the optimum pressure ulcer prevention plan.

# Mattress Auditing Solutions

## Why is auditing your equipment important?

In 2009 the Care Quality Commission (CQC) launched a range of objectives focused on improving standards within the NHS; this resulted in a number of regulations and inspection policies being updated to safeguard patients and healthcare professionals. The CQC now carry out regular inspections to ensure these regulations are being followed and that healthcare equipment is in safe and effective condition, including support surfaces.

Regular mattress auditing is just one action you can take towards meeting CQC regulations. Identifying when a mattress is no longer fit for purpose, will ensure that you always have the most effective support surfaces in use and that your patients are receiving the highest standard of care.

## How we can help you?

At Park House Healthcare we understand the time and resources required to carry out a mattress audit and provide a comprehensive auditing solution for mattress replacements, overlays and cushions. This includes guidance and support on implementing infection control measures and continuing to meet CQC regulations.

Our team of auditing specialists will carry out visual and physical inspections of your mattresses internally and externally, to ensure there are no signs of damage or wearing, which could lead to fluid ingress contaminating the foam core. Identifying signs of fluid ingress early will allow you to make provisions to prevent the risk of infection and safeguard your patients and staff.

The Auditing team can conduct the audit from start to finish, or if you would prefer your staff to be involved, we can provide tailored training programmes, guiding your staff through the auditing process and offering them support throughout.

*"For many years Park House Healthcare have supplied the Royal Cornwall Hospital with both dynamic and static mattress systems, which we are completely satisfied with."*

*"The hospital carries out regular mattress audits with the Park House Audit Team, who always present themselves in a very professional manner and produce the audit results in a concise report for the trust. Service and after-sales are very important to us and whatever we have requested has been managed effectively and being delivered in a timely manner, this promotes the delivery of quality and care for our patients."*

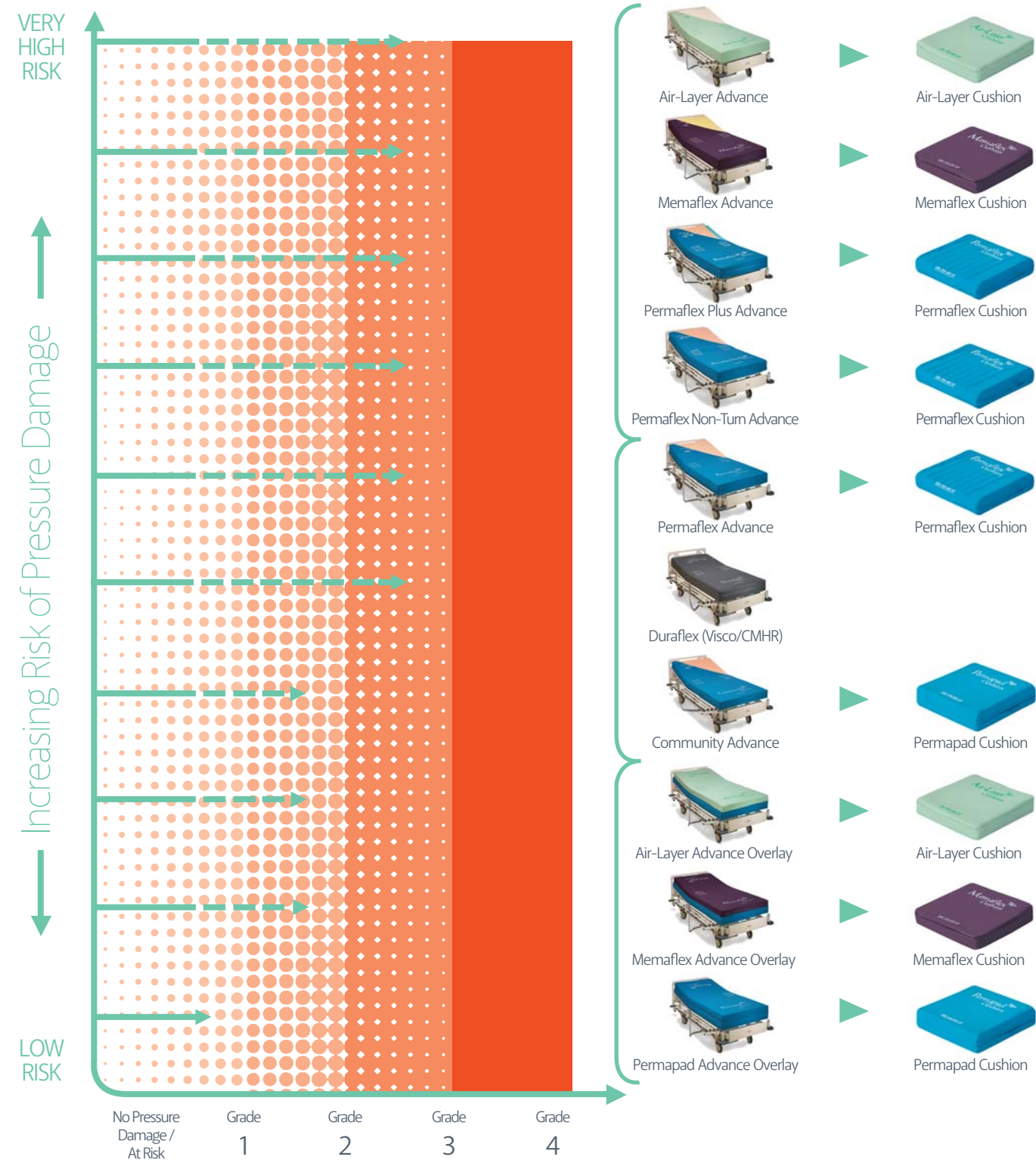
*Julie Dean  
Equipment Library Manager, Royal Cornwall Hospital*



For more information or to request a brochure contact our Auditing Team on **0845 0600 333**

# Advance Mattress Selection Guide\*

# Technical Features



----- Should be used alongside nursing care to include patient repositioning and monitoring of their skin condition.

\*This should be used as a guide only; product selection should be used in conjunction with clinical judgement and assessments dependent on individual patient health and morphology. Essential nursing care is pivotal in providing the optimum pressure ulcer prevention plan.

	Air-Layer Advance	Memaflex Advance	Permafex Plus Advance	Permafex Non-Turn Advance
Product code	APL115	APL111	APL100PSF	APL100P
Maximum weight limit	39 stones / 247.7 kgs	39 stones / 247.7 kgs	39 stones / 247.7 kgs	39 stones / 247.7 kgs
Risk factor	Very High Risk*	High Risk*	High Risk*	High Risk*
Warranty	5 years cover 5 years foam	5 years cover 5 years foam	5 years cover 8 years foam	5 years cover 5 years foam
Mattress dimensions	198 x 88 x 16cm	198 x 88 x 16cm	198 x 88 x 16cm	198 x 88 x 16cm
Mattress weight	16 kgs	16 kgs	14 kgs	13 kgs
Foam density	Visco-elastic foam: 56-63 kgs/M <sup>3</sup> Base: 38-40 kgs/M <sup>3</sup>	Visco-elastic foam: 56-63 kgs/M <sup>3</sup> Base: 38-40 kgs/M <sup>3</sup>	38-40 kgs/M <sup>3</sup> Base/Side formers: 38-40 kgs/M <sup>3</sup>	38-40 kgs/M <sup>3</sup> Base: 38-40 kgs/M <sup>3</sup>
Nominal hardness range	Visco-elastic foam: 120 - 150N Base: 175 - 215N	Visco-elastic foam: 120-150N Base: 175-215N	110 - 130N Base/Side formers: 175 - 215N	110-130N, Base: 175-215N
Fatigue class	Very Severe	Very Severe	Very Severe	Very Severe
Fire retardancy	Tested to BS7177: Crib 5	Tested to BS7177: Crib 5	Tested to BS7177: Crib 5	Tested to BS7177: Crib 5

	Permafex Advance	Duraflex (Single piece foam inner)	Duraflex (Visco-elastic foam inner)	Duraflex (Castellated foam inner)
Product code	APL100	APL202 APL201 (fully sealed cover)	APL208 APL207 (fully sealed cover)	APL205 APL204 (fully sealed cover)
Maximum weight limit	30 stones / 190.5 kgs	39 stones / 247.7 kgs	39 stones / 247.7 kgs	39 stones / 247.7 kgs
Risk factor	Medium Risk*	Medium Risk*	High Risk*	High Risk*
Warranty	5 years cover 5 years foam	5 years cover 5 years foam	5 years cover 5 years foam	5 years cover 5 years foam
Mattress dimensions	198 x 88 x 16cm	198 x 88 x 16cm	198 x 88 x 16cm	198 x 88 x 16cm
Mattress weight	13 kgs	13 kgs	16 kgs	13 kgs
Foam density	38-40 kgs/M <sup>3</sup>	38-40 kgs/M <sup>3</sup>	Visco-elastic foam: 56-63 kgs/M <sup>3</sup> Base: 38-40 kgs/M <sup>3</sup>	38-40 kgs/M <sup>3</sup> Base: 38-40 kgs/M <sup>3</sup>
Nominal hardness range	110-130N	175-215N	Visco-elastic foam: 120-150N Base: 175-215N	110-130N Base: 175-215N
Fatigue class	Very Severe	Very Severe	Very Severe	Very Severe
Fire retardancy	Tested to BS7177: Crib 5	Tested to BS7177: Crib 5	Tested to BS7177: Crib 5	Tested to BS7177: Crib 5

	Community Advance	Permapad Advance Overlay	Air-Layer Advance Overlay	Memaflex Advance Overlay
Product code	APL060	APL082	APL132 (9cm visco-elastic foam) APL133 (5cm CMHR foam topped with 4cm visco-elastic foam)	APL104 (9cm visco-elastic foam) APL110 (5cm CMHR foam topped with 4cm visco-elastic foam)
Maximum weight limit	26 stones / 165 kgs	17 stones / 108 kgs	18 stones / 114 kgs	18 stones / 114 kgs
Risk factor	Medium Risk*	Low to Medium Risk*	Medium Risk*	Medium Risk*
Warranty	1 year cover 1 year foam	1 year cover 1 year foam	5 years cover 5 years foam	5 years cover 5 years foam
Mattress dimensions	198 x 88 x 12.5cm	198 x 88 x 9cm	198 x 88 x 9cm	198 x 88 x 9cm
Mattress weight	12 kgs	4 kgs	6 kgs	6 kgs
Foam density	35-37 kgs/M <sup>3</sup>	38-40 kgs/M <sup>3</sup> Base: 38-40 kgs/M <sup>3</sup>	Visco-elastic foam: 56-63 kgs/M <sup>3</sup> Base: 38-40 kgs/M <sup>3</sup>	Visco-elastic foam: 56-63 kgs/M <sup>3</sup>
Nominal hardness range	110 - 140N	110 - 130N	Visco-elastic foam: 120 - 150N Base: 175 - 215N	Visco-elastic foam: 120 - 150N Base: 175 - 215N
Fatigue class	Very Severe	Very Severe	Very Severe	Very Severe
Fire retardancy	Tested to BS7177: Crib 5	Tested to BS7177: Crib 5	Tested to BS7177: Crib 5	Tested to BS7177: Crib 5

\*All equipment should be used in conjunction with clinical judgement and assessments dependent on individual patient morphology. Essential nursing care is pivotal in providing the optimum pressure ulcer prevention plan.



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