



Morton & Perry
Healthcare Equipment Solutions

Pressure Mattresses



Selection Criteria

Pressure

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Mattresses		Permaflex Plus	Memaflex	Airlayer	Vicair
Product Code		PLI00PSF	PL III	PL 115	VARM 415
Pressure	Risk	Low-Med	Med-High	Med-High	Med-High
	Waterlow Score	10 +	20 +	20 +	20 +
	Sore Grade	-	2	2	3
	Clinical Evaluations	Duncan Bain Mar '09	Pam Kirby Sept '07	Duncan Bain Jan '04	Clinical Cases Dec '97
Patient Weight	Suitability	Child - Adult - Bariatric			
	Minimum Kg	50	30	30	30
	Maximum Kg	250	250	250	250
Composition	Materials	Foam	Visco Foam ¹	Airlayer Visco Foam ¹	Aircell
Width	Cm Options	85	85, 90, 110, 135, 150		90
Safety Functions	CPR	-	-	-	-
	Low Pressure - Alarm	-	-	-	-
	Power Fail - Alarm	-	-	-	-
	Power Fail - No Air Loss	-	-	-	-
	Timed Autofirm for Transfer	-	-	-	-
	Anti Tamper Lock out	-	-	-	-
Other Patient Benefits	Comfort for Pain	-	Yes	Yes	Yes
	Improved Sleep	-	-	-	Yes
	Improved Positioning	-	-	-	Yes
	Reduced Sweating	-	-	Yes	-
Cost Effectiveness	Warranty Years ³	8	5	5	2
	Economic Life ⁴ Years	8 +	8+	8 +	7 +

Mattresses



Sleeping Star	Prelude Overlay	Eclipse Overlay	Elite	Elite Comfort	Phase III	Delta Plus
THE 64421	PA 3500	PA 5500	PA 5650	PA 5750	PA 7900	PA 8500
Med +	Low-Med	Med-High	High +	High +	Very High	Very High
15 +	10 +	20 +	20 +	20 +	20 +	20 +
2	1-2	2-3	3-4	3-4	3-4	3-4
MIS Survey Nov '06	-	Duncan Bain Aug '08	Duncan Bain July '05	-	Duncan Bain Aug '08	-
Child - Adult	Adult				Bariatric	
7	30	30	30	30	30	120
130	100	140	160	160	250	320
Micro Stimulation	Alternating Air		Alternating Air & Visco Base ¹	Visco Cover ¹ , Alternating Air & Visco Base ¹	Alternating Air	
60 ² , 90	88	88	88	88	88	107
-	Yes	Yes	Yes	Yes	Yes	Yes
-	-	Yes	Yes	Yes	Yes	Yes
-	-	-	Yes	Yes	Yes	-
-	-	-	Yes	Yes	Yes	Yes
-	-	-	Yes	Yes	Yes	Yes
-	-	-	Yes	Yes	Yes	Yes
Yes	-	-	-	Yes	-	-
Yes	-	-	-	Yes	-	-
Yes	-	-	-	-	-	-
Yes	-	-	-	Yes	-	-
2	2	2	2	2	2	2
7 +	5 +	7 +	7 +	7 +	7 +	7 +

¹ Visco Foam is fire retardant versus some other standard Visco foams. Tested to BS5852: Crib5 / BSEN59 - 1,2

² Available also in cot size 60 x 120 cm. ³ The warranty on the Permaflex Plus, Memaflex & Airlayer is for the Foam & Visco Foam.

⁴ Economic life of a mattress is the life expected in years, with normal wear & tear, and regular cost effective servicing.

All mattress covers can be removed, laundered and cleaned as per our infection control protocol.

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

Practical Tips to avoid Pressure Sores

If you have been assessed or are worried about pressure sores, prevention is much better than cure. Maintain your mobility as this will ensure good blood circulation. Get out of your bed or chair during the day for a short walk every hour or so.

However if you are in Bed

- Change your position at least every 2 hours, more frequently if possible between your back and sides.
- When lying on your side use pillows to protect your knees and ankles from touching each other.
- If you have sore heels or your skin is in poor condition you will need heel protectors or a heel support system.
- To further relieve pressure use a simple bed cradle and a lightweight duvet instead of heavy blankets.
- Use cotton sheets rather than synthetic materials, as your skin is less likely to become hot and sticky.
- Take special care to avoid creases or lumps in your bedding.
- If you sit up in bed make sure you do not slide on your heels or bottom. Friction or shear will damage your skin.
- If carers need to transfer or change your position ensure you are lifted correctly, not dragged across the bed.
- If you are at high or very high risk, you will probably need a specialist mattress and bed. Ask your nurse or occupational therapist for advice.

If you are in an Armchair or Wheelchair

- It is recommended to relieve pressure every 15 minutes. Take your weight off your bottom by leaning forward while pushing up with your arms or roll from cheek to cheek for a minute.
- Pressure reducing and positioning cushions are also available. Ask your Occupational or Seating Therapist for advice.

Common Sense Tips

- Check your skin daily for signs of damage. If your skin does not return to its normal colour after you have removed your weight from it, is redder, bruised or blistered seek advice quickly. Don't be afraid to ask your carer to look for you. Maybe for difficult areas use a mirror.
- Keep your skin clean and dry. Don't use talcum powder as this will dry your skin and deprive it of its natural oils. Only use skin creams on your doctor's or nurse's advice.
- When drying your skin pat it dry with a soft towel, do not rub or over massage your skin particularly over bony parts.
- If you are incontinent ask for assistance from your nurse or carer. Always clean and change your bedclothes if they are wet or soiled.
- Eat a healthy diet and drink regularly to maintain your health. Seek advice if you have swallowing or eating difficulties.
- Do not worry. Pressure Sores are avoidable and definitely curable with the proper treatment.



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