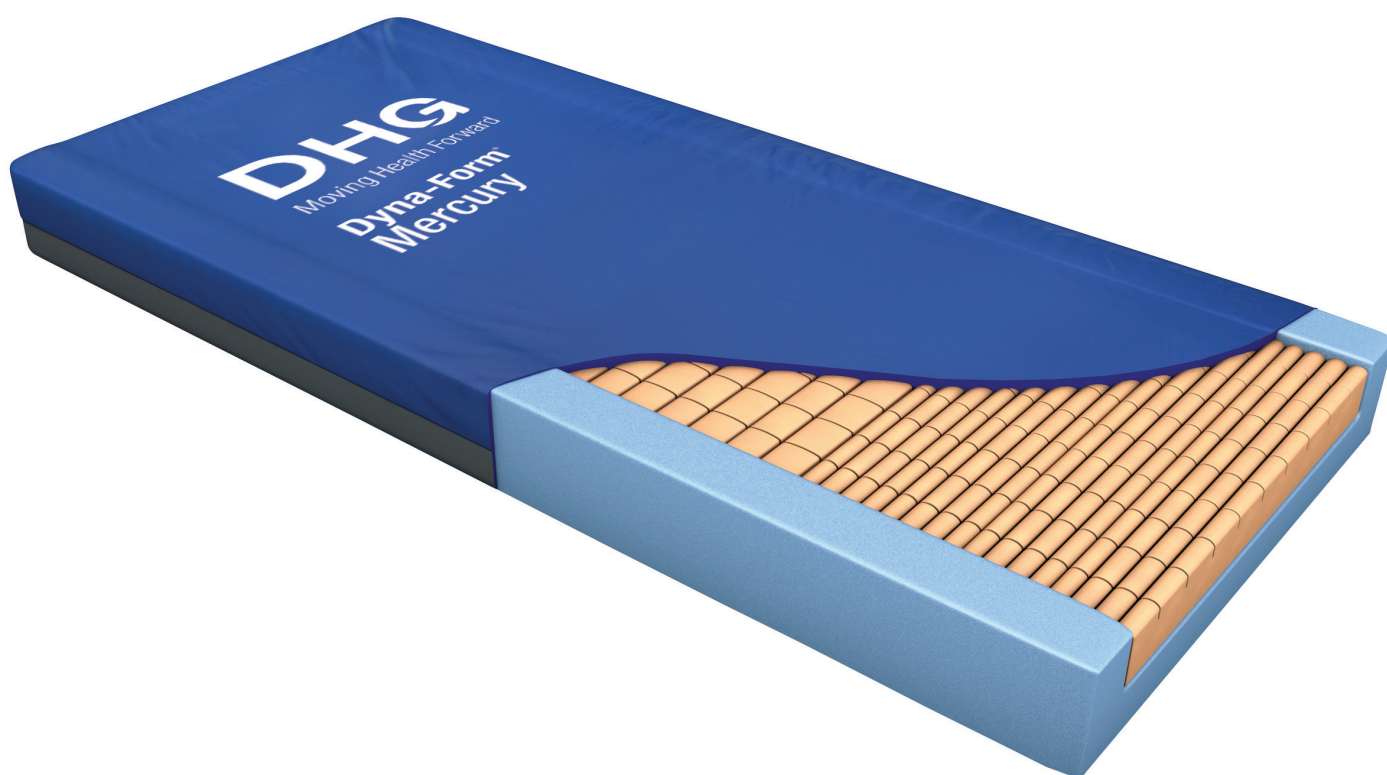


Dyna-Form® Pressure Redistributing Mattress Range



Instructions for Use - English
Bruksanvisning – Svenska
Brugsvejledning – Dansk
Käyttöohje – Suomalainen
Brukermanual – Norsk
Handleiding – Nederlands
Manuel d'utilisation – Français
Gebrauchsanweisung – Deutsch
Manuale utente – Italiano
Manual de usuario – Español



REF

MAT01
MAT02
MAT03
MAT04
MAT06
MAT07
MAT08
MAT09
MAT24
MAT332

Intended Use of the Product

The Dyna-Form pressure redistributing mattress range is a pressure redistributing foam mattress intended to be used in the prevention or treatment of pressure ulcers. The mattresses is suitable for persons who are at high risk of pressure ulcers, including those with category 1 or category 2 pressure ulcers, alongside an individualised care plan.

Indications for Use

The Dyna-Form pressure redistributing mattress range is intended to be used by all kinds of users, including lay persons, in all healthcare environments including professional healthcare facilities and home healthcare.

The Dyna-Form pressure redistributing mattress range includes mattress replacement systems, which should not be placed on top of an existing mattress.

The Dyna-Form pressure redistributing mattress range also includes an overlay mattress, and therefore should be used in combination with a secondary lower mattress. If you are unsure as to which type of mattress system you have, please contact DHG.

Contraindications for Use

There are no known contraindications for use.



Safety Information

Visual inspection

- Inspect the packaging for any damage.
- Check that the correct product has been delivered.
- Check to ensure that the mattress is free from damage.



Always Read the User Manual

- Always read the user manual before use.
- Keep the user manual where it is accessible to users of the product.
- Always ensure that you are referring to the latest version of the user manual.
- The most recent version of the user manual is available to download from the DHG website: www.dhg-healthcare.com
- It is strongly prohibited to modify the original product.



Warnings and Cautions

Warnings

- Which mattress is suitable for your individual use should be decided by your clinician who will also determine the most appropriate pressure ulcer prevention or treatment plan and the relevant nursing procedures.
- Always ensure that the mattress is the correct size for the required bed.
- The usage of additional waterproof mattress covers, electric blankets, sheepskins, or other similar items which may reduce the effectiveness of the pressure redistributing properties of the mattress or lead to an additional increase in body temperature such as to cause skin maceration is not advisable.
- If using an overlay product, ensure that there is a secondary mattress below the overlay.
- Ensure that no sharp objects damage the mattress or mattress cover.
- The printed side of the mattress cover must always be facing upwards. Head/foot alignment is indicated on the cover.
- Always ensure that the distance between the top surface of the mattress and the top of the bed side rails is $\geq 20\text{mm}$.
- Inspect the inner and outer surfaces of covers, seams and zips regularly for signs of damage.
- If the cover is stained, soiled, or torn, the foam core should also be examined.

Cautions

- It is recommended that an audit of all mattresses is carried out at least annually.
- Mattresses can become damaged if stored incorrectly. It is advisable that a mattress is stored in a clean and dry environment. It is not advised that mattresses are stored near heating devices, such as electrical fires or radiators.
- Take care when handling the mattress to ensure no damage to the cover or foam.
- Avoid contact with abrasive surfaces, and do not drag the mattress.

Symbols

	Read the user manual
	Medical device
	This product conforms to the requirements of Medical Device Regulation (EU) 2017/745
	This product conforms to the requirements of UK MDR 2002 for medical devices MDD/93/42 EEC
	General warning symbol
	Wash at 80°C
	Tumble dry on low
	Do not dry clean
	Do not bleach
	Do not iron
	No smoking
	Maximum user weight
	Do not use sharp instruments
	Do not use phenol

Mattress Replacement Installation

The mattress should only be installed and used by a clinician or a trained lay operator. A lay operator shall be considered trained once they have fully read this user manual.

The mattress packaging will include the mattress and its associated cover already fitted. Remove all packaging and protective material. Avoid using any sharp instruments to remove this packaging as this could damage the cover. If the mattresses has not been delivered vacuum packed, it can be used immediately. If the mattresses has been delivered compressed and vacuum packed, it is advised that the mattress should lay unpacked, on a flat surface, for at least 2 hours before it is used.

The mattress should be placed directly onto the bed surface. Always ensure that the distance between the top of the surface of the mattress replacement system and the top of the bed side rails is $\geq 20\text{mm}$. It is permissible to use the mattress with adjustable, profiling beds.

Typically, the user will be placed in a supine position on the mattress.

Wipe the mattress down before covering the mattress with a loose-fitting sheet.

If the cover needs to be removed, this is easily done by locating the zip in the bottom left corner and unzipping along the three (3) sides of the mattress. This will allow for the mattress cover to be completely removed.

Mattress Overlay Installation

The overlay should only be installed and used by a clinician or a trained lay operator. A lay operator shall be considered trained once they have full read this user manual.

The overlay packaging will include the overlay and its associated cover already fitted. Remove all packaging and protective material. Avoid using any sharp instruments to remove this packaging as this could damage the cover. If the overlay has not been delivered vacuum packed, it can be used immediately. If the overlay has been delivered compressed and vacuum packed, it is advised that the overlay should lay unpacked, on a flat surface, for at least 2 hours before it is used.

If using the an overlay, this should be placed on top of a secondary mattress. Always ensure that the distance between the top surface of the Overlay mattress and the top of the bed side rails is $\geq 20\text{mm}$.

Typically, the user will be placed in a supine position on the mattress.

Wipe the mattress down before covering the mattress with a loose-fitting sheet.

If the cover needs to be removed, this is easily done by locating the zip in the bottom left corner and unzipping along the three (3) sides of the mattress. This will allow for the mattress cover to be completely removed.

Fire Evacuation System (If Applicable)

The Dyna-Form Mercury can be fitted with an optional fire evacuation system. In the event of an evacuation occurring, the following steps should be taken to provide the safest possible transport of the user:

1. The Dyna-Form Mercury Fire Evac system has clearly marked instructions on the head and foot for ease of use.
2. Open the zips at the shortest ends of the mattress (head end and foot end) to gain access to the Fire Evac harness system.
3. Pull out harnesses from the mattress and remove the patient securing straps.
4. Place patient securing straps around both the mattress and the patient, adjust the straps accordingly to ensure the patient is secure.
5. Drag both the mattress and the patient on the floor to an area of safety.

Cleaning and Maintenance

Mattress cleaning should take place before and after use, and between patients. The mattress can be used by more than one person, provided it is decontaminated as per below instructions, in between each user.

In the Case of Light Soiling

In the absence of gross contamination or unusual risk, the removal of dirt and spillages with clean, warm water and neutral detergent should be sufficient. However if required the cover can be wiped down with a solution of Sodium Hypochlorite diluted to 1,000ppm available chlorine. Ensure that the cover is rinsed with clean water using a single use non-abrasive cloth, and thoroughly dried. Ensure adequate ventilation.

In the Case of Heavy Soiling

In cases of gross contamination the mattress cover should be cleaned first with detergent and water then with a solution of Sodium Hypochlorite diluted to 10,000ppm available chlorine. Rinse well with clean water and a damp single use non-abrasive cloth. Ensure adequate ventilation.

Machine Laundering

If required, the Mattress Cover may be removed and machine-washed at a temperature of 80°C, for not less than 10 minutes.

Drying

To avoid shrinkage of the cover line dry in an indoor clean environment or tumble dry on a low heat setting not exceeding 40°C and for not longer than 10 minutes. Covers must be thoroughly dried before re-fitting to the mattress.

Maintenance

Inspect the inner and outer surfaces of covers, the seams, and zips regularly for signs of damage. If the cover is stained, soiled or torn, the foam core should also be examined.

It is recommended that an audit of all mattresses is carried out annually.

Re-Use, Storage and Disposal

Re-Use

The product is reusable. Before using the product again with a new user, it is recommended to clean the product using the above instructions.

Storage

It is advisable to store the mattress off the floor in a clean, dry environment. It is advisable to store the mattress flat. Do not store the mattress near heating devices. Do not store the mattress where it might be prone to damage.

Disposal

All contaminated mattresses must be disposed of as clinical waste in accordance with regional regulations and local legislation and guidelines.

Technical Information

Product	Expected Life of Mattress	Fire Testing	Foam Density (kg/m ³)	Nominal Hardness (N)	Minimum User Weight (kg)	Maximum User Weight (kg)	Weight of Product (kg)	Size*
MAT01 Dyna-Form Mercury	8 years	BS7177, Medium Hazard	38-40 38-40	200 120	0	254	11	Standard size 198cm (L) x 88cm (W) x 15cm (H)
MAT02 Dyna-Form Jupiter	5 years	BS7177, Medium Hazard	34-36	125	0	165	11	Standard size 198cm (L) x 88cm (W) x 15cm (H)
MAT03 Dyna-Form Saturn	5 years	BS7177, Medium Hazard	38-40 55-60	200 85	0	254	12	Standard size 198cm (L) x 88cm (W) x 15cm (H)
MAT04 Dyna-Form Overlay	3 years	BS7177, Medium Hazard	34-36	125	0	165	6	Standard size 198cm (L) x 88cm (W) x 15cm (H)
MAT06 Dyna-Form Mercury Fire Evac	8 years	BS7177, Medium Hazard	38-40 38-40	200 120	0	254	12	Standard size 198cm (L) x 88cm (W) x 15cm (H)
MAT07 Dyna-Form Mercury Safety 7	8 years	BS7177, High Hazard	38-40 38-40	200 120	0	254	11	Standard size 198cm (L) x 88cm (W) x 15cm (H)
MAT08 Dyna-Form Static Air	8 years	BS7177, Medium Hazard	38-40 38-40	200 120	0	254	11	Standard size 198cm (L) x 88cm (W) x 15cm (H)
MAT09 Dyna-Form Maximus	8 years	BS7177, Medium Hazard	38-40	200	0	413	17	Standard size 198cm (L) x 88cm (W) x 15cm (H)
MAT24 Dyna-Form Community	3 years	BS7177, Medium Hazard	33	120	0	140	10	Standard size 198cm (L) x 88cm (W) x 15cm (H)
MAT332 Dyna-Form Titan	8 years	BS7177, Medium Hazard	50	230 100	0	254	11	Standard size 198cm (L) x 88cm (W) x 15cm (H)

*Note: variable sizes are available upon request