

Instructions For Use Maximise High Specification Foam Cushion Range C€



Product Name(s): Maximise Twist, Maximise Contour, Maximise Visco, Maximise Plus (Class 1 Medical Device C€)

Intended Purpose and Design: The Maximise cushion range is a range of pressure redistributing high specification foam (HSF) cushion's, recommended for the prevention and management of pressure ulcers for wheelchair users or people who sit for prolonged periods of time*. The cushions have been designed to provide optimal pressure care support and each have a unique design to meet the requirements of a variety of users (see technical data for information on the composition of and product code for each cushion).

The cushions are comprised of high-density combustion modified polyurethane and the Maximise Twist, Maximise Visco and Maximise Plus, also contain temperature sensitive viscoelastic foam. The Maximise Contour features a castellated design, increasing the pressure redistributing properties of the cushion by increasing the surface contact area, reducing shear and friction. All cushions are covered in multi-stretch vapour-permeable fabric**. The covers can be made with either sewn or high frequency welded seams*** and have a zip on two sides, which can also be concealed with waterfall flaps if required***.

Operator Qualifications: Those responsible for the storage, transportation, usage, cleaning and disinfecting of the cushions should be fully trained and competent. Choice of cushion should be determined by a qualified health professional, following a comprehensive and holistic assessment using both formal and informal assessment methods. The cushions should only be used for their intended purpose, as specified in this instruction guide. In addition to the information in this guide, operators must adhere to local health and safety and manual handling policies.

Instructions for Use (IFU):

Prior To Use: Upon receipt of the cushion(s) all packaging should be removed and visual checks should be carried out to ensure:

- The contents are complete
- The cushions have not been damaged in transit
- Check the maximum user weight is suitable for the intended user
- Ensure the cushion is suitable for the intended user in terms of pressure care risk
- The label should not be removed

Storage and Servicing: When the cushion(s) are not in use they should be stored in a protective covering and should be in a secure location away from the general public. For ease of storage cushions can be stacked on top of one another. However, to avoid damage to the cushions, never store other items on top of the cushions, always store the cushions flat, do not store the cushions directly on the floor and do not store the cushions next to radiators or other heat sources.

The cushions should be visually inspected daily and/or between users to check for material degradation, damage, misuse or tampering. Check for any signs of tearing and/or punctures, check all the seams for any signs of splitting, check the zip(s) for any signs of damage and check for any signs of permanent staining. Unzip the cushions and check the foam inners for any signs of fluid ingress/strikethrough. If following the visual inspection, there are any signs of contamination, the cushions should be withdrawn from use until the covers and/or the inner foams are replaced. If cushion covers or foam inners are replaced, then it is important that the correct corresponding cushion cover/foam inner is re-ordered as cushion covers must not be used on other foam inners. Contaminated covers/inner foams, should be disposed of safely and in line with local infection prevention and control policies.

During Use:

- Ensure the chair is clear of debris
- The zips should be positioned to the side(s) and rear of the cushion
- Ensure that the cushion is positioned on the chair and is the correct way up
- Although the Maximise cushion range have excellent pressure-redistributing qualities, it is important that the user repositions themselves or is repositioned frequently

Aftercare: The Maximise cushion range are reusable, therefore, the following processes should be undertaken to allow re-use.

- **Visual Inspection:** Daily and/or between users the cushion should be inspected as per previous recommendations.
- **Cleaning:** Cushion covers should be cleaned regularly including between patients in accordance with The Revised Healthcare Cleaning Manual 2009, BHTA Protect, Rinse and Dry 2016, local infection prevention and control policies and the guidance below:
 1. Wipe the whole surface of the cushion cover(s) with soap and water, rinse with clean water and allow to dry completely before re-use. A non-abrasive cloth can be used for more stubborn soiling

2. If a disinfectant wipe is applied, the cushion cover(s) must be allowed to dry completely
3. If the cover is heavily soiled a 0.1% Chlorine Solution (1,000ppm) and cold water can be used. If the cover has been exposed to bodily fluids, such as blood, a 1% Chlorine Solution (10,000ppm) and cold water can be used. The top bottom and all four sides of the cushion, including under the zip flaps must be cleaned. Rinse thoroughly with clean water and a damp single use wipe
4. The cushion cover(s) for the MXTTC, MXCC, MXVC and MXPC are machine washable up to 95°C for 15 minutes and should then be followed by a cold rinse. The cushion cover(s) for the MXCCT and MXCCW are machine washable up to 40°C for 15 minutes and should then be followed by a cold rinse
5. Line dry in an indoor, clean environment or tumble dry on a low heat setting not exceeding 40°C and not for longer than 10 minutes
6. The cushion cover(s) must be thoroughly dried before re-use
7. Always ensure the correct cushion cover(s) are returned to their corresponding foam inner. Covers must not be used on other foam inners

General Warnings Precautions and Limitations:

- Only qualified professionals should be involved in the cushion selection
- Only use the cushion for its intended purpose
- Ensure the cushion is suitable for the intended user in terms of pressure care risk
- Do not exceed maximum user weight
- Ensure that the user repositions themselves or is repositioned frequently
- Take care not to puncture the cover, to avoid fluid ingress/strikethrough
- Do not place sharp objects such as scissors, needles, syringes, scalpels or other sharps on the cushion surface
- Advise operators, users and visitors to remove or cover hand jewellery including rings with sharp edges
- Do not permit staff or visitors to sit on cushion
- Take extra care when using medical equipment such as monitors, drip stands and transfer aids
- Do not drag along the floor, do not transport in roll cages unless completely protected from sharp edges and do not scrape against walls, door frames, door catches or locks
- Frequent or prolonged exposure to higher concentration disinfectant solutions may prematurely age the fabric cover of the cushions
- The cushion covers must be thoroughly rinsed and dried between and after cleaning or disinfection. Cushion covers are more susceptible to physical damage when wet and will remain susceptible for a period of time after being dried
- Abrasive cleaners and sponges must not be used to avoid ingress of fluids/strikethrough
- Dimethyl formamide (DMF), tetrahydrofuran (THF), concentrated inorganic acids, concentrated alkalis, and phenol/cresol based chemicals should never be used
- Avoid using any additional covers or padding between the user and the cushion, as this may affect the pressure reducing qualities

Technical Information:

Cushion/ Quality	Maxmise Twist (MXTC/3LMC43)	Maximise Contour (MXCC/PFC) (MXCCT/PFT) (MXCCW/FCWT)	Maximise Visco (MXVC/PFCV)	Maximise Plus (MXPC/3LBC5646)
Cover	Blue multi-stretch vapour-permeable fabric	MXCC: Blue multi-stretch vapour-permeable fabric MXCCT: Terry Towelling MXCCW: Wool Pile top Terry Towelling sides	Blue multi-stretch vapour-permeable fabric	Blue multi-stretch vapour-permeable fabric
Foam Inner	Three-layer: High-density combustion modified polyurethane, sandwiched between two-layers of temperature sensitive viscoelastic foam	Single-layer: Castellated high-density combustion modified polyurethane	Dual-layer: Temperature sensitive viscoelastic foam and high density combustion modified polyurethane	Three-layer: Temperature sensitive viscoelastic foam, high density combustion modified polyurethane, and a firm base layer, for the heavier user
Turn	Two way	One way	One way	One way
Dimensions	43 x 43 x 7.5cm	43 x 41 x 10cm	43 x 41 x 10cm	56 x 46 x 10cm
Flammability	BS 7177:2008	BS 7177:2008	BS 7177:2008	BS 7177:2008
Maximum User Weight	127kg	127kg	127kg	318kg

Contact Details: If you require any further information please contact us at:

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Please take time to read the contents of this information guide. Any actions that are inconsistent with this guide, are done so at the operators risk and Thorpe Mill Ltd will not be liable for injury or damage. In addition to the information in this guide, operators should use the product specified with due consideration of applicable international, national and local regulations, guidance and policies. Safe and correct use of this product is solely at the discretion of the operators.

If a serious incident does occur during use, this should be reported to Thorpe Mill Ltd using the above contact details.

*Pressure redistributing high specification foam cushions are recommended for the prevention and management of pressure ulcers for wheelchair users or people who sit for prolonged periods of time (NICE, 2014). Choice of cushion should be determined by a qualified professional, following a comprehensive and holistic assessment using both formal and informal assessment methods.

**If a wipe clean multi-stretch vapour-permeable cover is not required, the cover is available in terry towelling or 100% wool pile top which is fully machine washable.

***High frequency welded seams and waterfall flaps to conceal the zip will incur an additional charge.