



# Care & Cleaning Instructions



## For CARRFLEX® EXTREME & MEDIPLUS

*Polyurethane-Coated Fabrics from The CARR Group*

*Aligned with ISO/TS 20342-10:2022*

### GENERAL CONSIDERATIONS

Care and cleaning procedures must consider not only the polyurethane-coated fabric but also the properties of other materials used in the final product construction, including:

- Dimensional stability
- Colour fastness
- Compatibility with washing and disinfection methods
- Other materials used in the cover construction (e.g. zippers, foam layers, textile backings) may have separate care requirements that should be observed to maintain product integrity.

**!** Surface wrinkling may occur after cleaning. This does not impact the functional or hygienic performance of CARRFLEX® Extreme & Mediplus and is considered normal within accepted tolerances.

Before implementing any cleaning protocol, users are advised to:

- Avoid the use of **abrasive cleaning agents or tools**, as these may compromise the integrity of the polyurethane coating.
- Closely inspect the surface for damage such as pinholes, tears or coating breakdown in the material and replace if necessary.
- Conduct disinfectant **suitability testing** of the complete product under actual use and cleaning conditions.
- Contact the CARR Group if alternative cleaning or disinfection methods are required that fall outside the scope of this guidance.
- While many of the vast number of cleaning and disinfection systems on the market are compatible with CARRFLEX® Extreme and CARRFLEX Mediplus fabrics, some are not. Please contact the CARR Group for guidance regarding the suitability of specific cleaning and disinfection products.

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## CLEANING AND DISINFECTION

Cleaning should always precede disinfection.

CARRFLEX® fabrics should be cleaned using **non-abrasive, pH-neutral detergent**, following industry best practices and international standards. Recommendations include:

### Routine Cleaning:

- Remove any soiling or debris and wipe the surface with a ph-neutral detergent.
- Rinse the surface gently using a soft cloth or sponge with warm water (typically 18°C - 40°C / 64°F - 104°F). Avoid using abrasive cloths, scouring pads, or harsh chemicals.
- After cleaning, **remove all residues** with a clean, damp cloth and allow the surface to dry thoroughly before returning to use.

### Disinfection:

- Wipe the surface with disinfectant, carefully following the disinfectant **manufacturers instructions** for required contact time and dilution rates.
- Rinse the surface gently using a soft cloth or sponge with warm water (typically 18°C - 40°C / 64°F - 104°F). Avoid using abrasive cloths, scouring pads, or harsh chemicals.
- After cleaning, **remove all residues** with a clean, damp cloth and allow the surface to dry thoroughly before returning to use.

**⚠** Frequent or prolonged exposure to higher concentration disinfectant solutions may prematurely age the fabric.

### Autoclaving:

- CARRFLEX® Extreme & Mediplus can be autoclaved at **134°C / 273°F for 3 minutes**.
- **Ensure:**
- Surfaces are cleaned with **pure water** prior to autoclaving.
- **Mattresses or covers are not stacked** and spacers are placed between covers to allow airflow and prevent heat build-up.

**⚠** Temperatures and dwell times above recommendations can adversely affect coating adhesion and cause material to shrink.

### Dry Cleaning:

- CARRFLEX® Extreme & Mediplus can be dry-cleaned with all standard solutions **except trichloroethylene**.

## DRYING INSTRUCTIONS

- CARRFLEX®Extreme & Mediplus can be **tumble dried** at low to medium heat settings.

**⚠** Care must be taken to remove items immediately once they are dry to touch to prevent prolonged contact with heated surfaces.

- Do not mangle or press.

## IRONING

- **Do not** iron CARRFLEX®Extreme & Mediplus. Direct heat application may damage the polyurethane coating.

## STORAGE

- Store CARRFLEX®Extreme & Mediplus items in a **cool, dry environment**, free from direct sunlight or excessive humidity.
- Avoid applying **excessive pressure** or storing in contact with **non-colourfast materials**, which may lead to staining or material transfer.

## ADDITIONAL GUIDANCE

These care instructions are intended to support safe and effective cleaning of CARRFLEX® Extreme & Mediplus Polyurethane-Coated Fabrics only. Users should assess each cleaning protocol based on their specific application, equipment and hygiene requirements.

If your facility employs unique or regulated cleaning processes not addressed here, please contact the CARR Group for tailored recommendations.

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## REFERENCE

ISO/TS 20342-10:2022 — Assistive products for tissue integrity when lying down — Part 10: Care and cleaning of polyurethane-coated fabrics.

S31/NPAIP (2020), Best Practices for Cleaning, Disinfection, and Care of Polyurethane Support Surface Covers.

BHTA 'Protect, Rinse and Dry' guidance on the care, cleaning and inspection of healthcare mattresses (2016)

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