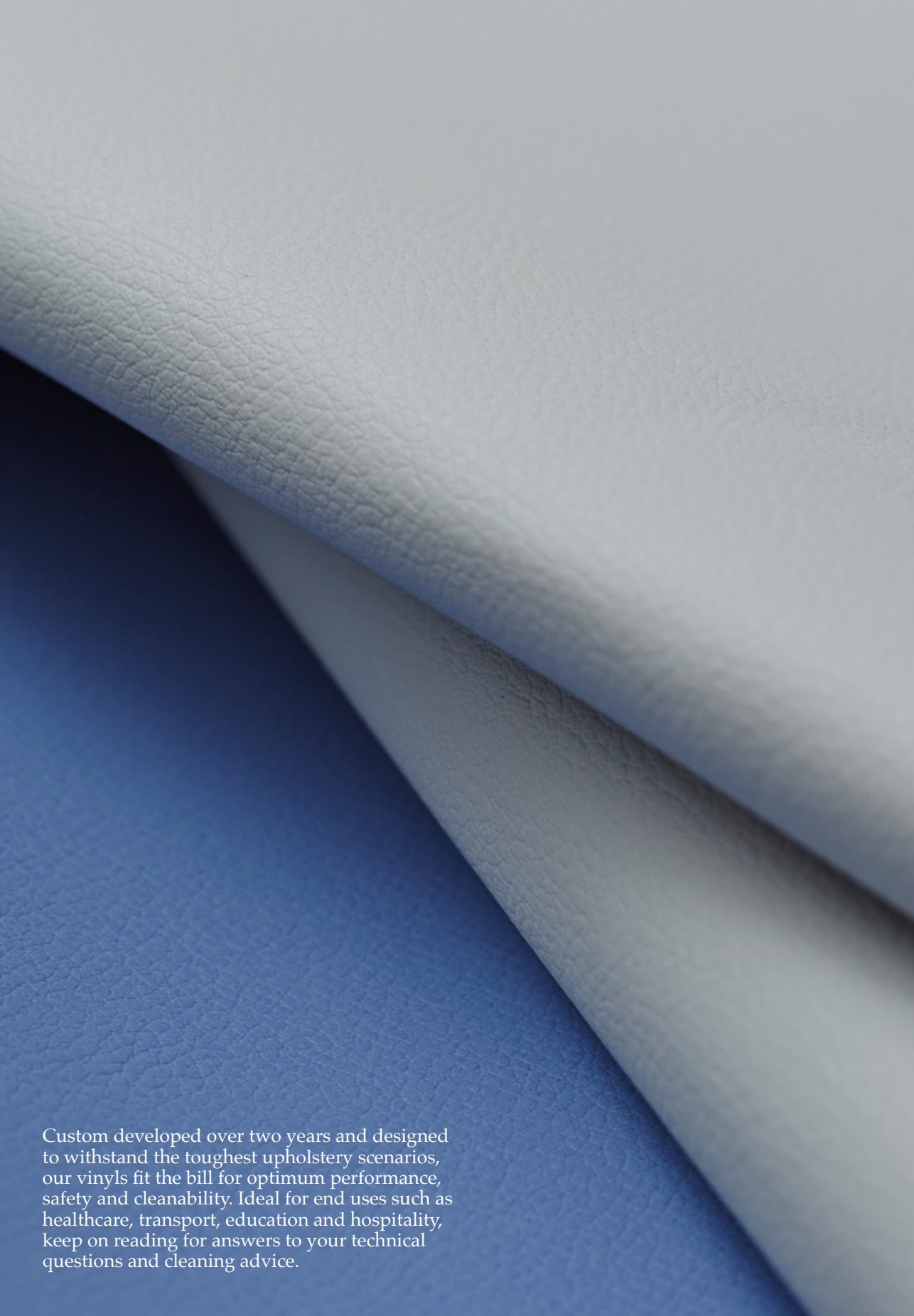
A close-up photograph of a textured, light-colored surface, possibly a vinyl material, with several water droplets of varying sizes scattered across it. The droplets are in focus, showing their rounded shapes and reflections. The background is slightly blurred, emphasizing the texture and the water.

**Technical & cleaning
guide for Vinyls.
Time to toughen up.
All you need to know
about Camira's
performance vinyls:
a new line of defence
in the most demanding
environments.**

camira



Custom developed over two years and designed to withstand the toughest upholstery scenarios, our vinyls fit the bill for optimum performance, safety and cleanability. Ideal for end uses such as healthcare, transport, education and hospitality, keep on reading for answers to your technical questions and cleaning advice.

1. Polyurethane Top Coat

Reinforced surface layer:

- a) Anti-microbial/ Anti-fungal. Protecting you from bugs such as MRSA, Salmonella and E.coli.
- b) Improved wear-ability and stronger resistance to common cleaners such as alcohol and bleach

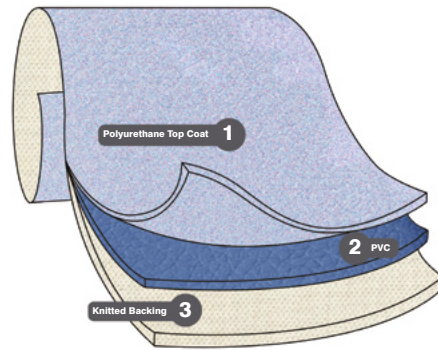
2. PVC

Poly Vinyl Chloride:

Provides excellent strength and depth of colour. Free from phthalate plasticisers.

3. Knitted Backing

Intelligently engineered to offer optimum stretch and the ability to bounce back.



Extra Benefits

- Excellent resistance to rubs, flexes and scuffs.
- Free from heavy metals.
- Stain repellent and waterproof.
- Colour matched to The Halcyon Collection of treated, waterproof fabrics.
- Phthalate free.

Important tests

Flexes - Fabric is clamped at each end and flexed (straightened and bent) for a number of cycles. The surface is assessed for cracks and delamination. This is a more appropriate test than martindale abrasion.

Residual Extension - Fabric is measured, stretched, left to recover and re-measured after 30 minutes. Any increase in length shows there is 'left over extension', i.e. the fabric has not fully recovered. Generally, anything under 3% shows good recovery.

FAQs

Q. What is a phthalate and why should I care?

A. A phthalate is a plasticiser. Plasticisers help turn solid plastic into flexible materials. Removing phthalates is believed to be a safety consideration both in production and in use, due to their potential to leach into the environment. However the full effects of phthalates are not yet known.

Q. So is your vinyl good for the environment?

A. PVC is not an eco-friendly product. However, it does a job and is sometimes the only safe and sustainable option for extreme environments. PVC typically gets replaced less often. Specifying PVC-free PU instead is not always wise. Most PU's cannot be regularly wetted and cleaned.

Q. Can I use this product outdoors?

A. Whilst in theory, there's no reason our vinyl products should not stand up to outdoor use, we have not conducted the relevant testing and thus currently cannot guarantee the product's suitability. Please contact the technical department via customer services for further advice.

PVC coated fabrics offer some of the best protection in the harshest of environments, yet there are still some sensible Do's and Don'ts for ensuring they continue to look good and work hard.

Do:

- Soak up spills as quickly as possible (especially bodily fluids) using a dry absorbent cloth.
- Clean regularly with warm soapy water.
- Rinse after cleaning with clean water.
- Clean persistent or heavily soiled stains with a soft brush.
- Disinfect with diluted chlorinated solutions or cleaners with low concentrations of alcohol.

Attachment methods

- Leave soap or cleaning fluid residues on the vinyl surface (especially alcohol based).
- Steam clean the product.
- Use stain removers and polishes containing solvents or abrasive tools and cleaning agents.
- Machine wash.

Be aware:

- Despite improvements made to these products, no vinyl is completely alcohol resistant. Therefore, avoid regular use of alcohol cleaners. If used, always remove residues by rinsing with water.
- Ink transfer can occur from ball point pens, felt tips and certain dyed textiles (indigo from jeans).
- Upholstery advice - Using adhesives containing solvents may cause degradation in vinyl performance.

Our commitment to cleaning:

Camira have carried out in-house indicative cleaning trials and seen no significant product breakdown using the following:

- 10% Bleach (Sodium Hypochlorite).
- Chlor-Clean.
- Haz Tabs.
- IPA 70% Alcohol wipes.

Camira is committed to trialling the popular cleaning products from each key market. Reasonably, this takes some time. Keep checking our website for the latest list, linked to any vinyl product entry.

