

A row of eight vertical rolls of vinyl material, each a different color. From left to right, the colors are: brown, yellow, purple, orange, red, pink, white, and green. The rolls are tightly packed and show a slight texture.

Vinyl: A Fabric for the Future.



# Learning Aims

Attendees will understand how vinyl fabric is made and how the manufacturing process can be adjusted to make the fabric suitable for every potential application.

Attendees will be able to differentiate between contract and domestic vinyl and the necessary certifications required by building and health and safety regulations.

Attendees will be knowledgeable about the various areas in which vinyl can be made to be more sustainable

# Summary

1. Introduction
2. Coated Fabric Technology; Where did it all begin.
3. How can a coated fabric be enhanced?
4. The Challenge of Specification of Coated Fabrics: Choosing the right parameters according to EU and British building regulations
5. Sustainability: Walking the tightrope
6. Maintenance and Care: How to care for vinyl fabric?
7. Conclusion

**Fabrikoid, There at the Beginning**





# The Next Step: PVC, the first commercial vinyl fabric

- In 1936, chemists at the U.S. Rubber Co.'s plant in Naugatuck, Conn., came up with a knit fabric backing coated with polyvinyl chloride (PVC) that was an excellent leather substitute.
- They named it Naugahyde, after the location at which it was developed.

# Anti UV

In order for furniture to be suitable for outdoor use or to ensure it doesn't fade in sunny areas, it is essential that it be upholstered in a fabric that is UV resistant.

This is to ensure that the fabric retains its original colour .  
UV resistant pigments are essential.  
For lighter colours an anti UV additive protects them from fading.



If fabric is being specified for use in a healthcare setting, it is imperative that it can protect against *C.diff*, *E.coli* and antibiotic resistant bacteria such as MRSA, VRE and NDM-1.





Walking the Tightrope between Performance and Sustainability



The image is a composite of four vertical panels, each showing a hand in a pink rubber glove. The background of each panel is a solid color, alternating between light blue and light pink. In each panel, the hand is holding a yellow, textured sponge. The panels illustrate different stages or techniques of cleaning the sponge. The text is centered across the middle of the image.

Correct Cleaning is essential to ensure that all types of vinyl have a long healthy life

# Thank you for watching

Please contact us at [marketing@chieftainfabrics.com](mailto:marketing@chieftainfabrics.com) if you would like us to present our CPD to your company.