

# Vinyl Technical Information

## Performance

Superior wear & protection properties with state of the art resistance to staining, abrasion, scuffing, burnishing & blocking.

## Protection

Enduring long term protection against bacteria & viruses - including MRSA, E-Coli, VRE, NDM-1 & COVID-19

## Easy Maintenance

Hard wearing medical grade PVC vinyl coverings are non-permeable, ensuring easy & safe cleaning.

## Vinyl Infection Control

Meditelle vinyl's are suitable for use in high risk Infection Control areas and contain an antimicrobial additive to provide long-lasting effectiveness against the spread of surface bacteria including MRSA, E coli and will prevent the growth of viruses including COVID-19, even after regular cleaning.

## Stain Resistance

All Meditelle Vinyl coated fabrics are hydrophobic and do not absorb water or retain dampness and can be completely dried after washing. Resistant to urine, mild acids/alkalis, drinks and beverages which can be easily wiped off.

## Performance

Meditelle Contract Grade PVC ensures:

Superior Thermal Stability and additional Resistance to acids & bases e.g. bleach, cleaning agents.

Enhanced Lacquer formulation providing better adhesion, abrasion, flexibility and anti-soiling properties.

Improved Antimicrobial Additive formula with increased performance against the spread of bacteria, viruses, moulds, mildews and yeasts, making the fabric perform better in situations where this is a priority such as healthcare.

Significantly strengthened Backing Cloth cotton yarn elevates strength parameters in all strength tests performed on our fabric.

Improved Plasticiser Barrier on vinyl offers better performance during use.

Note: Our vinyl's are Phthalate and Latex free.

Improved ratio of Stabilisers for PVC & Pigments give better UV resistance to degradation and enables higher performance against sunshine and weather conditions.

Independent UK laboratory tested.

Test Certificate copies available upon request.

## Vinyl Quality

Colour tested for: Colour fastness to light to BS EN ISO 105-B02: 2014; Resistance to staining GSR: 4-5 Pass

Strength tested according to BS EN 14465: 2003 / BS 2543: 2004 and meets requirements of Tensile strength BS EN ISO 13934-1: 2013; Tear strength BS EN ISO 13937-3: 2000; Bursting strength BS EN ISO 13938-2: 1999; Adhesion of finish BS EN ISO 2411:2000; Abrasion BS EN ISO 12947-2: 1998.

Martindale abrasion tested in excess of 1,000,000+ rubs to BS EN ISO 12947-2: 1998 / BS EN 14465: 2003 Annex A and rated as Performance Level A.

Antimicrobial and Antibacterial resistance tested for E. Coli, MRSA and Staphylococcus to ISO 22196:2011 standards.

Antiviral resistance and growth prevention tested for Coronavirus to ISO1814:2019.

Resistance of fabric to deterioration tested to meet ISO 1419: 1995 Method C "Tropical Test" against moisture and elevated temperatures to withstand extreme conditions over a period of 5 years.

## Vinyl Flame Retardancy

Inherently flame retardant. Ignitability tested and passes the flammability requirements according to BS 5852 : 2006 Clause 11, Methods of Test for the Assessment of the ignitability of upholstered seating by smouldering and flaming Ignition Sources, Ignition Source 5

Tested and passes the requirements according to Assessment of the ignitability of upholstered furniture BS EN 1021-1 : 2006, Part 1 Smouldering Cigarette & BS EN 1021-2 : 2006, Part 2 Match Flame Equivalent.

Tested and meets requirements in accordance to DIN4102-1 B2 (1198-05); IMO FTP Code 2010 Part 8 (Upholstered Furniture).

Meets requirements and complies with BS7176 : 2007+A1:2011 Direct test for medium hazard. (Specification for Resistance to Ignition for Upholstered Furniture for Non-domestic Seating by Testing Composites).

Tested to BS5852 : Part 1 : 1979. Meets requirements of Schedule 4 & 5, Part 1, of The Furniture & Furnishings (Fire Safety) Regulations 1988 S.I. 1324



COVID-19  
Resistant



Antimicrobial  
& Antifungal



Crib 5



Waterproof



Stain  
Resistant



Tropical  
Test



Abrasion



Phthalate  
Free