



**MEDITEC™**

HIGH PERFORMANCE PVF SURFACES



**SHANGHAI  
ENP INDUSTRIAL**

**ONE  
FRAME**

ARCHITECTURAL  
FABRIC TENSION  
SYSTEMS

# MEDITEC™ - HIGH PERFORMANCE PVF SURFACES

## THE TECHNOLOGY: DUPONT™ TEDLAR® - PVF SURFACE FOR INTERIORS

### WHAT IS DUPONT™ TEDLAR®?

Developed by **DuPont™** in the 1940s and commercially introduced in 1961, **Tedlar®** is a high-performance polyvinyl fluoride (PVF) material. For over 60 years, it has been widely used across various industries, including aerospace, construction, solar energy, outdoor advertising, and interior surface protection.

### SUPERIOR SURFACE PROTECTION

o **Tedlar®** is available in thin, durable films that can be laminated onto different surfaces to form a protective barrier. Unlike other surface films, 100% PVF fluoropolymer films contain no plasticisers such as acrylics, eliminating risks of pinholes, cracks, and deterioration. This results in a dense, long-lasting protective layer that prevents fading, degradation, and external damage.

### MOLD, MILDEW, AND FIRE RESISTANCE

o **Tedlar®** PVF surfaces are resistant to mould and mildew growth, making them ideal for hospitals, sterile rooms, kitchens, and patient areas where contamination control is essential. Rated 0-1 for mould resistance, **Tedlar®** is also free of formaldehyde and other volatile compounds. It features aerospace-grade flame retardancy with low smoke toxicity, ensuring safety for aircraft interiors and commercial spaces.

### VERSATILE DESIGN & APPLICATIONS

o **Tedlar®** protective films can be applied to various substrates, offering exceptional durability and aesthetics for residential, commercial, and healthcare interiors. Available in embossed textures and glossy finishes, it enhances spaces with both functionality and style.

### EASY TO CLEAN & STAIN-RESISTANT

o With outstanding chemical and solvent resistance, **Tedlar®** surfaces withstand repeated cleaning and disinfection. Even stubborn stains and residues can be removed effortlessly using common household cleaners.

### LONG-LASTING DURABILITY

o **Tedlar®** protects surfaces from stains, scratches, and harsh cleaning agents, including bleach, alcohol, ketones (acetone, MEK), strong acids, and bases. It also resists UV exposure and aging, preventing yellowing and fading over time—making it ideal for high-traffic environments. With its superior protection, easy maintenance, and long-term durability, **DuPont™ Tedlar®** sets the standard for advanced interior surface technology.



**DUPONT**  
**Tedlar®**

## MURELE®

### – PERFORMANCE PVF FABRIC WALL COVERS

- o Murele high-performance wall covers seamlessly blend **functionality** with **sophisticated design**, making them a premium choice for interior spaces. With an extensive palette of **colours** and **textures**, these **PVF fabric wall solutions** offer **customization** and **versatility** for designers looking to enhance both **aesthetics** and **functionality**. The **advanced PVF composition** provides **exceptional resistance** to **UV degradation**, **staining**, and **environmental wear**, ensuring **longevity** and **minimal maintenance**. Murele elevates spaces by delivering **durable, long-lasting surfaces**, reducing the need for frequent replacements. Ideal for **commercial**, **corporate**, and **hospitality environments**, Murele transforms walls into **dynamic design elements** that inspire **creativity**, **innovation**, and **productivity**.

## DUTAI®

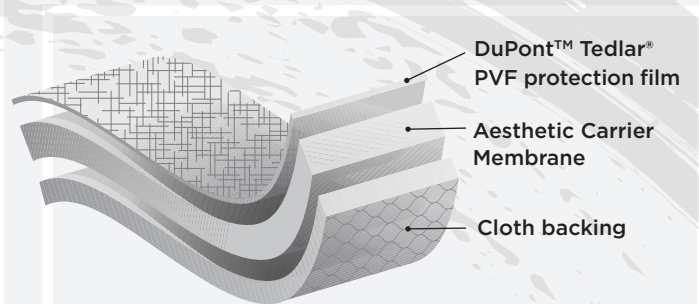
### – PERFORMANCE PVF PANELS

- o Dutai high-performance **PVF panels** set a new standard in **architectural design** with their **versatility** and **durability**. Available in a **wide range** of **colours**, **finishes**, and **textures**, these panels empower designers to craft **unique, functional spaces** that prioritize both **aesthetic excellence** and **structural integrity**. Designed for **corporate offices** and **high-traffic commercial areas**, Dutai offers **exceptional resistance** to **wear**, **chemicals**, and **UV degradation**, ensuring **long-term visual appeal** and **sustainability**. With **premium finishes** and **high-performance durability**, Dutai panels create **sophisticated, enduring environments** that inspire.

## DURATOPP®

### – PERFORMANCE PVF WORK SURFACES

- o Duratopp work surfaces are built for **high-performance environments**, merging **resilience** with **refined aesthetics**. Available in **diverse colours** and **textures**, Duratopp supports **dynamic, productive workspaces** in **corporate offices**, **creative studios**, and **commercial settings**. Engineered for **superior resistance** to **abrasion**, **stains**, and **UV degradation**, these surfaces ensure **longevity** while maintaining their **premium look**. By reducing **maintenance needs** and extending **surface lifecycles**, Duratopp aligns with **sustainability goals**, promoting **innovation** and **productivity** in modern workspaces.



## MURELE®

### – PERFORMANCE PVF FABRIC WALL COVERS

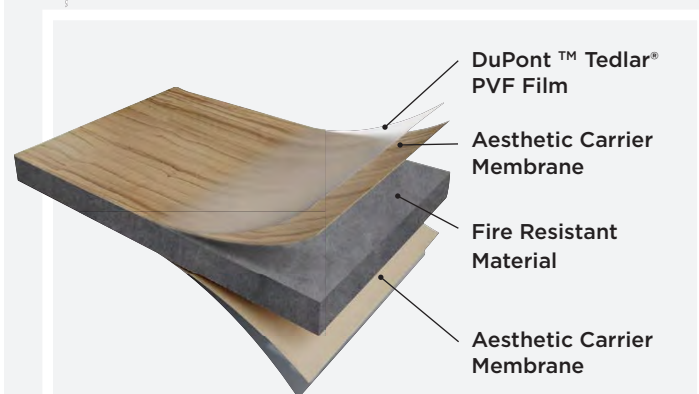
Roll Width: 1370mm

Roll Length: 27.4m

SQM/Roll: 37m<sup>2</sup>

Colour Options: various – refer latest sample swatch

Texture Options: various – refer latest sample swatch



## DUTAI - PERFORMANCE PVF PANELS

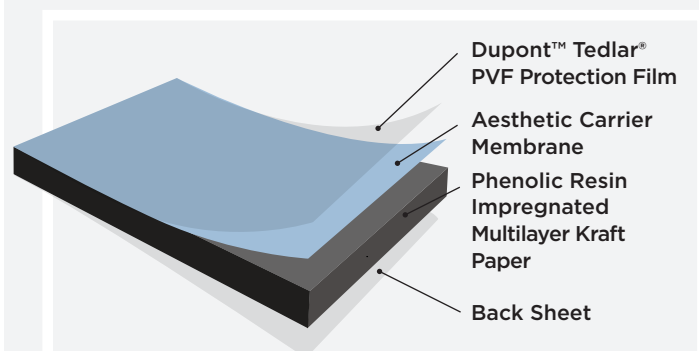
Sheet Size Options: 1200mm x 2400mm

1200mm x 3000mm

Board Thickness Options:

3mm/4.5mm/5.5mm/6mm/8mm

Colour Options: various – refer latest sample swatch



## DURATOPP

### – PERFORMANCE PVF WORK SURFACES

Sheet Size Options: 1220mm x 2440mm

1220mm x 3050mm

Board Thickness Options:

12.7mm / 16mm / 19mm / 25.4mm

Colour Options: various – refer latest sample swatch

## FEATURES AND BENEFITS

### SUPERIOR WEATHERABILITY & UV RESISTANCE

Provides exceptional protection against UV exposure, temperature shifts, and moisture.

- Prevents fading and degradation: Maintains colour vibrancy and surface integrity even after decades of sun exposure.
- Resists chalking and yellowing: Ensures surfaces stay clean and visually appealing.
- Performs in extreme climates: Retains protective properties in freezing temperatures or extreme heat without cracking or peeling.

### CHEMICAL & STAIN RESISTANCE

Designed to resist harsh chemicals, solvents, and stains, ideal for industrial and commercial applications.

- Impervious to acids, bases, and solvents: Ensures protection in demanding environments like laboratories and manufacturing facilities.
- Stain-resistant surface: Shields against graffiti, pollution, mould, mildew, and spills.
- Ideal for high-traffic areas: Maintains a clean appearance despite exposure to contaminants and cleaning agents.

### DURABILITY & ABRASION RESISTANCE

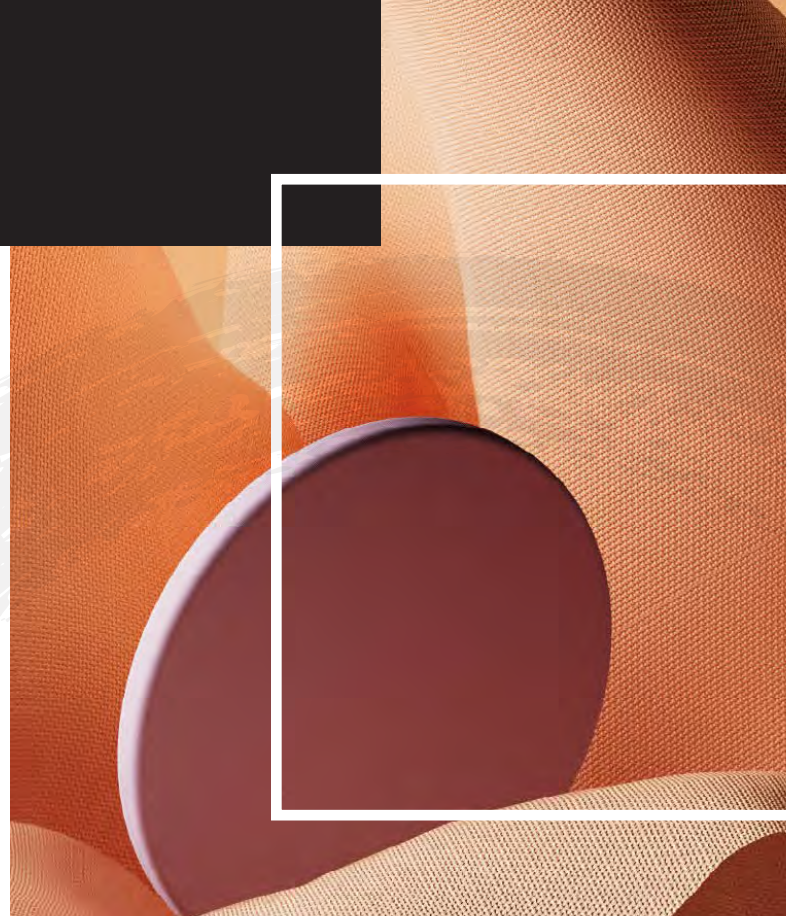
Offers exceptional protection against mechanical wear, abrasions, and surface damage.

- Shields against scratches and scuffs: Ensures long-term integrity in wall coverings, doors, and signage.
- Ideal for industrial and transportation uses: Applied in aircraft interiors, railcars, and automotive components for superior durability.

### EASY TO CLEAN & LOW MAINTENANCE

Simplifies maintenance with a dirt- and stain-resistant surface.

- Non-stick properties: Allows easy removal of dirt and grime with mild cleaners.
- Graffiti-resistant: Defacements like spray paint and permanent markers can be removed without damage.
- Reduces maintenance costs: Eliminates frequent repainting or refinishing.



### FIRE & HEAT RESISTANCE

Meets stringent fire safety and thermal stability standards.

- Compliant with ASTM E84 Class A and NFPA 285: Ensures safety in construction and industrial applications.
- Heat-resistant: Maintains integrity under high temperatures, suitable for aerospace, automotive, and construction industries.

### MOISTURE CORROSION PROTECTION

Provides a robust barrier against moisture, preventing corrosion and degradation.

- Prevents rust formation: Extends the lifespan of metal cladding and outdoor structures.
- Resists mould and mildew: Ideal for healthcare environments and humid conditions.

### FLEXIBILITY & VERSATILITY

Available in multiple thicknesses, finishes, and colours, adaptable to diverse applications.

- Compatible with metals, plastics, wood, and composites.
- Available in matte, gloss, and metallic finishes.
- Enhances sustainability: Prolongs surface lifespan, reducing waste and environmental impact.