



DUPONT™ TEDLAR® WALLCOVERINGS

INTRODUCTION

Developed in 1948, DuPont™ Tedlar® PVF technology has been used in many market applications ranging from aircraft interiors, automotive parts, rail interiors, fleet graphics, and wallcovering overlaminates. Now DuPont is introducing our line of Tedlar® Wallcoverings. These fabric backed vinyl wallcoverings are among the highest performing Type II wallcoverings on the market. They provide outstanding functionality in terms of high stain resistance, easy cleanability, broad chemical compatibility and long lasting durability while protecting the printed patterns from scratches and scuff marks to retain long-term aesthetics and the fresh look for the life of the wallcovering.

SPECIFICATIONS

	DuPont™ Tedlar® Wallcovering Type II Per Roll:
Width	52"/54" (132/137cm)
Length	30 Yard (27.4m)
Weight	20oz Per LY (approx. 0.47kg/sqm)
Backing	Osnaburg/Non Woven (Depending on the actual pattern)
Standards	Meets or exceeds criteria for CCC-W-408D, ASTM F793, ASTM E 84, NFPA 286, ASTM G21, JIS Z2801

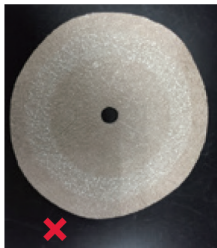
Note: Different patterns and batches will have subtle size and weight variance.

DURABILITY

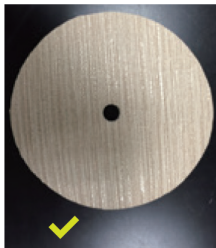
DuPont™ Tedlar® Wallcoverings have increased resistance to scratching and abrasion, which will ensure a highly durable wallcovering that can be cleaned and maintained over a long period of time. It is the clear choice for applications in high traffic areas such as hospitals, day care centers, and fast food restaurants and public spaces anywhere extremely heavy wear and tear occurs.

Comparison of Wear Resistance

Typical Type II
Wallcovering



DuPont™ Tedlar®
Wallcovering



Test Conditions: Taber Abraser, CS-10 grinding wheel, 500g weight, 200rpm.

MOLD, MILDEW, AND BACTERIA

Laboratory tests have shown that mold and bacteria do not degrade the surface of DuPont™ Tedlar® Wallcoverings, nor does the surface of DuPont™ Tedlar® Wallcoverings provide nutrients to assist mold or bacteria growth. The product does not contain any additive to kill mold or bacteria that may land on its surface. The wallcovering surface provides extra protection against contamination in hospital laboratories, clean rooms, kitchens and patient rooms. Tests by MicroStar Lab in Crystal Lake, Illinois certify DuPont™ Tedlar® Wallcovering meets ASTM G21 and JIS Z2801 standards and support mold, mildew and bacteria claims.

Note: The above test result is for the surface performance only. All wall surfacing materials, including wallcovering, should be selected taking into account the building in which they are to be installed. Buildings which have had liquid or vapor moisture infiltration problems or which have other conditions that make moisture infiltration likely are at risk for mold growth at its backside. In such circumstances consult with a professional on the application of the wallcovering.

FIRE AND SMOKE

The surface of DuPont™ Tedlar® Wallcovering has low smoke ratings and does not readily burn or support combustion. The surface material is one of the safest materials designed for interiors. Test at the University of San Francisco have been performed that verify the superior film performance versus competitive products and industry standards.

FDA AND USDA ACCEPTANCE

The surface of DuPont™ Tedlar® Wallcovering may be used as components of food-contact coatings in compliance with FDA regulation 21 CFR 175.270. USDA requires that FDA-compliant materials be used in contact with foods prepared under federal inspection by USDA.

PATTERN APPEARANCE AND COLOR

Subtle variations in color, texture and shading should be anticipated as these are part of the manufacturing process and add to the richness and beauty of the product. DuPont™ Tedlar® Wallcoverings are the quality choice of architects, designers and facility managers, not only because of their practicality and long life, but also because they provide maximum design versatility. Tedlar® does not alter colors, and it is formulated to showcase designs, patterns and texture to their full effect.



DUPONT™ TEDLAR® WALLCOVERINGS

FUNCTIONALITY/PERFORMANCE

Stain Resistance and Cleanability

Outstanding stain resistance and cleanability are unique features of DuPont™ Tedlar® Wallcoverings. This chart indicates a variety of stains that are likely to be encountered in high traffic areas and lists the most effective cleaning agents for easy removal of these stains. Repeated heavy cleaning of stains has no effect on DuPont™ Tedlar® Wallcoverings.

The procedures for removing stains from DuPont vinyl-based wallcovering are divided into the 4 categories listed below. In most cases, stains can be completely removed without a trace. Cleaners should be applied generously with a soft cloth and light pressure. A soft-bristle brush will aid in cleaning deeply embossed or rough, textured patterns.

Stain Agent*	Cleaning Category			
	Dry cloth	Wet cloth	Detergent	Solvent
Food				
Chocolate syrup		R		
Coffee		R		
Grape juice		R		
Ketchup			R	
Mustard Sauce		R		
Red wine		R		
Tea stains		R		
Worcestershire sauce		R		
Marking				
Ball point pen				R
Black crayons			R	
Brown shoe polish			R	
Lipstick			R	
Spray Paint				R
White board marker			R	
Chemical				
Acid Solutions**	R			
Acetone	R			
Asphalt			R	
Brake fluid		R		
Butanone	R			
Ethylalcohol	R			
Gasoline	R			
Glycol	R			
Iodine		R		
Mercurochrome			R	
Sodium hydroxide		R		
Toluene	R			
Oily pen (such as ballpoint pen)			R	

*Staining agents were allowed to set 24 hours prior to cleaning.

**Acid Solutions include: acetic acid, 10% citric acid, 10% nitric acid, 20% hydrochloric acid, and 30% sulfuric acid.

CLEANING CATEGORIES

Dry Cloth Only/Damp Cloth Only

Cloth only, wet or dry: many staining agents such as acetone, calamine lotion and coffee can simply be wiped from the wallcovering with a wet or dry cloth.

Household Detergent

Soaps, Household Detergents: to remove stains such as ketchup, crayon, lipstick or mercurochrome, use a warm, full strength solution of household detergent and a final rinse of clear water.

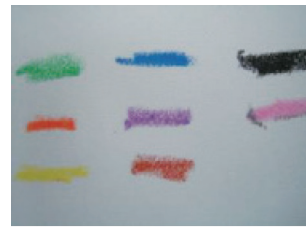
Solvent (acetone or methyl ethyl ketone)

Solvents: for stains with heavy oil or grease bases, use a solvent such as acetone or methyl ethyl ketone. In some cases-e.g., chewing gum and marking ink pen-commercial fabric cleaning fluids may be used. Solvents should be used by industry professionals and in accordance with manufacturer's recommendations

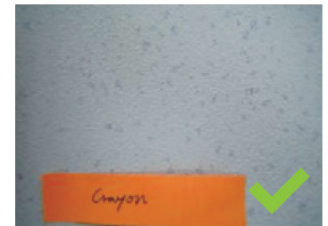
Cleanability Comparison

Crayons

Typical Type II Wallcovering



DuPont™ Tedlar® Wallcovering

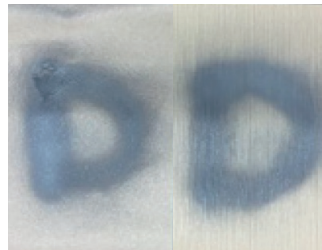


After using alcohol to clean, stains can not be completely removed.

After cleaning with alcohol, no traces remain.

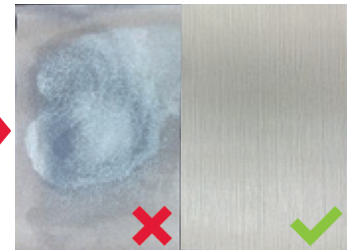
Spray Paint

Typical Type II Wallcovering



DuPont™ Tedlar® Wallcovering

Typical Type II Wallcovering



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Test conditions: spray paint and place for a period of time, using MEK solvent to wipe.

After cleaning with solvent, stains can not be completely removed, and surface damaged.

After cleaning with a solvent, no traces remain.

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