



New Tedlar® Durable Transparent Protective Film (TAP15BM3)

The new DuPont™ Tedlar® transparent PVF film is a high-performance protective material that provides decades of durable protection to various architectural exterior and graphic signage applications. With its unique attributes, Tedlar® transparent PVF film can preserve the life and aesthetics of your design amidst the harshest environmental challenges including ultraviolet (UV) light, moisture, rain, and chemical erosions.

TAP15BM3 Key Attributes



Exceptional UV resistance



Outstanding chemical resistance



Stain and graffiti resistant



Extensive design possibilities

Tedlar® film is known for its durability in real-world applications - from building murals to traffic box wraps, to metal roofing, building facades, outdoor billboards and more. We are excited to offer this newest transparent film that has an even longer protective life, without sacrificing any durability or design flexibility.



Architectural Fabric

- With excellent weatherability and dirt-shedding properties, architectural fabric with Tedlar® transparent film is a cost-effective material for buildings like stadiums, convention centers, commercial facilities and transportation hubs.
- Tedlar® enables lasting aesthetics because it is extremely UV resistant, thus maintaining colors and patterns for years.



Building Exteriors

- From metal roofing to building facades, Tedlar® PVF film is superior to other protective coatings, including PVDF.
- It won't fade, crack, blister or chalk from UV exposure, acid rain, or dirt.
- Even projects within 1500 feet of the ocean, including direct oceanfront properties, will not experience degradation from sea water and salt spray.
- Tedlar® is impervious to harsh chemicals and demonstrates unmatched pliability. It can be fabricated to the tightest of radii without cracks, loss of adhesion or color change.



Graphic Signage

- From signage and business logos to outdoor billboards, building murals, and more - Tedlar® is the ideal surface laminate for graffiti resistance and protection against fading and corrosion, keeping outdoor signage looking newer longer.
- Tedlar® is easy to clean, including tough stains and graffiti, resulting in reduced maintenance costs and long-term protection of your brand message.

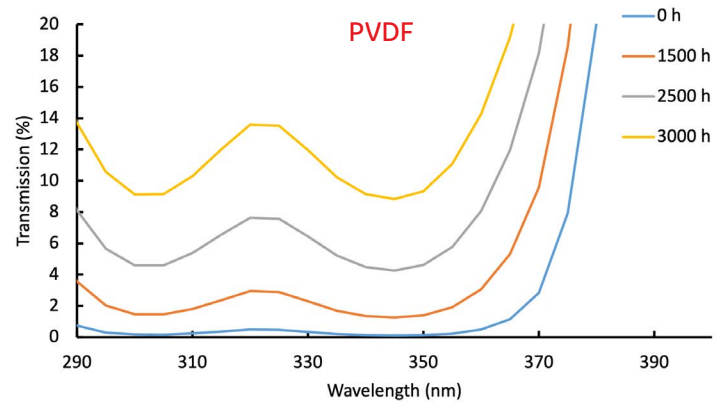
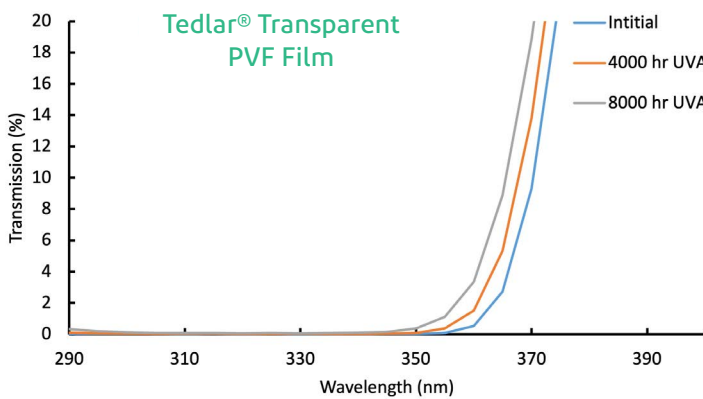
Physical Properties of TAP15BM3

Measured Properties	Test Method	Unit	Value
Unit Weight	DuPont Method	g·m ⁻²	51–57
Gauge Variation	DuPont Method	%	≤17.5
Tensile Strength MD/TD	ASTM D882	MPa (ksi)	≥55 (8.0)
Elongation at break MD/TD	ASTM D882	%	≥95
Gloss 60°	ASTM D523	–	40–45
Shrinkage TD @ 170°C	ASTM D1204	%	0.0–5.0

Exceptional UV Resistance and Color Retention

DuPont™ Tedlar® TAP15BM3 maintains excellent substrate UV protection to **8,000 hours** UVA-340 exposure with transmittance **<0.1%!**

Competitive PVDF/PMMA bilayer films show rapid UV breakthrough with transmittance **>1%** in under **3,000 hours** in a UVA-340 exposure.



UVA Test: UVA-340 fluorescent bulb, 1.2 W/m²·nm @ 340 nm, 70 °C black panel temperature. Each 1000 hrs provides 65 kWh/m² of UV light from 290 to 400 nm.

Outstanding Chemical and Stain Resistance

DuPont™ Tedlar® TAP15BM3 has outstanding physical and tensile properties that clearly outperform competitive materials:

- Long lasting protection from weather and UV exposure
- Excellent color protection of printed laminates
- Outstanding stain and graffiti resistance
- Impervious to harsh chemicals and atmospheric pollution
- Easy to clean and low maintenance cost



This side laminated with leading premium laminate

This side laminated with New DuPont™ Tedlar® Transparent Protective Film

Source: DuPont live demo sample

Tedlar.com



DuPont™, the DuPont Oval Logo, and all trademarks and service marks denoted with ™, SM or ® are owned by affiliates of DuPont de Nemours, Inc. unless otherwise noted. © 2021 DuPont.

The information set forth herein is furnished free of charge and is based on technical data that DuPont believes to be reliable and falls within the normal range of properties. It is intended for use by persons having technical skill, at their own discretion and risk. This data should not be used to establish specification limits nor used alone as the basis of design. Handling precaution information is given with the understanding that those using it will satisfy themselves that their particular conditions of use present no health or safety hazards. Since conditions of product use and disposal are outside our control, we make no warranties, express or implied, and assume no liability in connection with any use of this information. As with any product, evaluation under end-use conditions prior to specification is essential. Nothing herein is to be taken as a license to operate or a recommendation to infringe on patents.

Form No. 001-20672-HMC0921