

Tedlar® UV

When your graphics sit in public space for years, Tedlar® keeps them looking new.



Waterloo
Station

PRODUCT INFORMATION

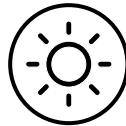
Tedlar® is DuPont's trade name for polyvinyl fluoride (PVF) — a high-performance fluoropolymer first commercialized in the 1960s and used in everything from aircraft cabin interiors to photovoltaic backsheets.

PVF film is prized for three reasons: it's chemically inert (nothing sticks or reacts with it), it's extraordinarily weather-stable (fluorine-carbon bonds don't break down in sunlight), and it has a naturally low-energy surface (paints, inks, and grime wipe off rather than soaking in).

Laminated over a printed vinyl graphic, Tedlar® transfers those properties to your print — turning a vulnerable graphic into a surface that can survive a decade of vandalism, weather, and scrubbing.

With 7–10+ years of expected outdoor durability and unmatched UV stability, Tedlar® is the anti-graffiti laminate specified by transit agencies, DOTs, universities, and Fortune 500 fleets when reprinting and reinstalling graphics is not an option.

NOTABLE QUALITIES



7-10+ YEAR OUTDOOR LIFE

Ensures the vibrant colors of your signs and labels remain intact and for up to 9 years, maintaining their quality and visual appeal over time.



CHEMICAL RESISTANT

Withstands almost anything you throw at it, enduring exposure to bleach, a variety of cleaners, gasoline, oil, and acid. It ensures durability and resilience under the most challenging conditions.



COLD-LAMINATE READY

TEDLAR® is a 1 mil film with 1 mil of adhesive. Very little drag is needed while laminating.



GLOSS FINISH

Our TEDLAR® adds an impermeable high gloss finish.



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Tedlar[®]UV

General Description: Clear flexible polyvinyl fluoride film with a clear permanent acrylic adhesive. Used for over-laminating when conformability and/or harsh environmental protection is necessary. Tedlar is a UV blocking laminate with good graffiti resistance.

PRODUCT SPECIFICATIONS

TECHNICAL PROPERTIES:

Thickness: 1 mil PVF with 1 mil of adhesive

Outdoor Life: 10 years

Shelf Life: 2 years stored at 70°F & 50% RH

Adhesive Properties: Tedlar laminate has an acrylic pressure sensitive adhesive backed with a one-side poly coated kraft release liner.

Service Temperature Range: (-40°F to 225°F)

Minimum Application Temperature: 50°F

Ultimate Peel from	Average OZ/IN	Test Method
Acrylic	42	ASTM D 903 (Modified for 72 hour dwell time)
Glass	32	
Stainless Steel	33	
Polypropylene	16	
Expected Shear Room Temp (hours)	40	ASTM D 3654 a. 1 hrl dwell b. 1 sq. in. surface c. 4 lb. load
Tack (gm/sq cm)	540	ASTM D 2979

RECOMMENDED APPLICATION TECHNIQUES:

Laminate with a cold pressure sensitive laminator, not by hand. Take care not to stretch the laminate while laminating. Use minimal drag on the laminate while laminating.

PLOTTER SETTINGS:

Slightly increase the pressure and perform test cuts for optimal results.

All of the descriptive information listed above is our recommendation only. This information does not suggest or constitute a written or verbal warranty or guaranty of any kind by the manufacturer or distributor of this product. Purchasers of this product shall be responsible for independently determining the suitability of the material for the intended application.

GMS052026 GRAPHIC MARKING SYSTEMS