

The background is a complex, abstract pattern of overlapping triangles in various shades of green, teal, and orange. The triangles are arranged in a way that creates a sense of depth and movement, with some triangles pointing upwards and others downwards. The colors are vibrant and saturated, with the orange triangles being a focal point in the center-left area.

# Tedlar<sup>®</sup> Design Possibilities

July 2020

**DUPONT**<sup>™</sup>

# What is Tedlar®?

Tedlar® is a DuPont registered trademark for a **highly versatile polyvinyl fluoride (PVF) film** that provides a long-lasting finish to a wide variety of surfaces exposed to harsh environments; while its inert, non-stick properties make it an excellent release film.





# Why Tedlar®?

## Interiors

- ✓ Cleanability
- ✓ Chemical/solvent resistant
- ✓ Stain/graffiti resistant
- ✓ Excellent flame & smoke rating
- ✓ Long term protection
- ✓ Endurable style
- ✓ Excellent formability
- ✓ Reduced bacterial growth
- ✓ Does not support the growth of Mold and Mildew
- ✓ Heat sealable
- ✓ Ink & print receptive

## Exteriors

- ✓ UV & weather stability
- ✓ Chemical resistance
- ✓ Stain/dirt resistant
- ✓ Temperature stability
- ✓ Colour stability
- ✓ Range of surface gloss
- ✓ Low toxicity & volatiles
- ✓ Bendability
- ✓ Low gas/ vapor permeability
- ✓ Sound transmitting

# Tedlar® PVF Applications

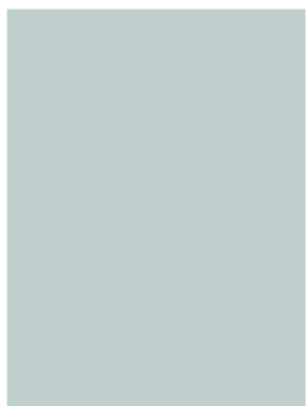
*Proven applications, globally, for over 50 years*



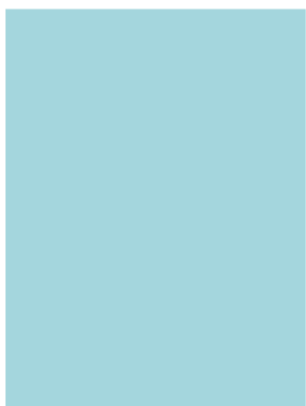
# Colors

Tedlar® is available in a variety of standard colors including Clear UV Stable

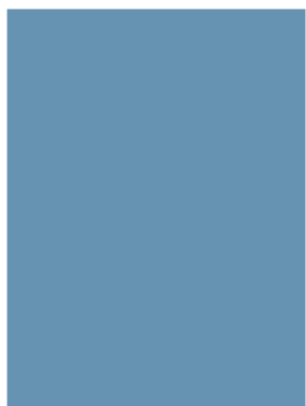
Examples of colors (more are available on demand):



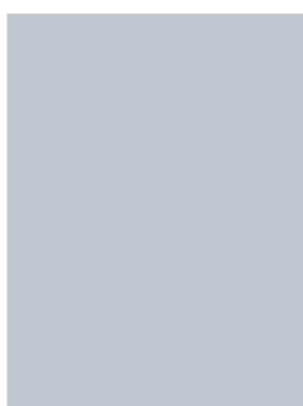
Light gray  
TGL15BL3



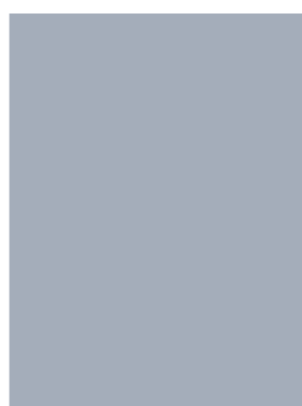
Light blue  
TNB15BL3



High sky  
THS15BL3  
Choice color



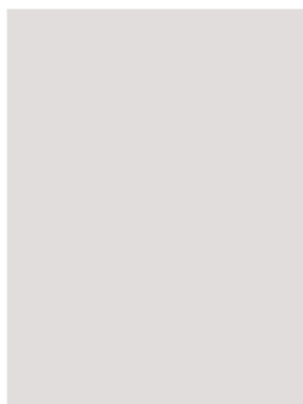
Tokyo day  
TTD15BL3



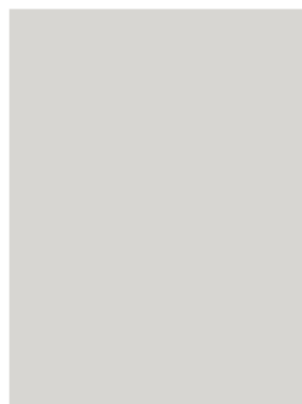
Heron feather  
THF15BL3



Salem blue  
TSB15BL3  
Choice color



Shell white  
TWH15BL3  
Choice color



Birch white  
TBW15BL3



Dawn gray  
TGH15BL3  
Choice color



Misty gray  
TMG15BL3  
Choice color



# Custom Colors and Pigmented Effects



(Color Flop)

**Customized color matching is possible with Tedlar®**



# Pearlized Tedlar®



**Pigments can be added directly to the Tedlar® dispersion prior to casting, creating a pearlized Tedlar® film.**



# Embossed Tedlar®



**During the lamination process, transfer paper can be used to create a wide variety of textures, such as leather and wood grain effects.**



# Metallized Tedlar®



**Tedlar® film can be metalized, creating  
stainless steel and chrome looks**



# High Resolution Sublimation Printed Tedlar®



**Tedlar® clear film has the ability to diffuse high resolution dye sublimation inks into the film. The high resolution image is encapsulated and protected by the clear Tedlar® film.**



# Sublimation Printed Wood/Stone Tedlar®



**The dye sublimation process enables a wide variety of surface appearances using Tedlar® clear film. Combined with embossed textures, this technique creates a surface with a unique look and feel.**

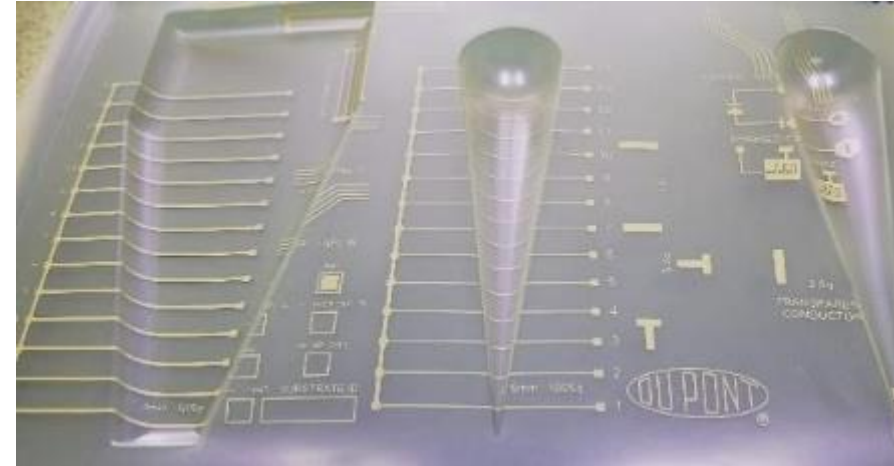


# Thermoformability



**Tedlar® film is thermoformable, expanding the use of the material beyond flat surfaces.**

# Conductive Ink/In-Mold Printed Tedlar®



**Conductive inks can be printed directly on the back of Tedlar®. This film can then be laminated and thermoformed enabling lighting, temperature, and volume controls a touch away from the end user.**



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