

TECHNICAL DATA SHEET

GF 108 TEDLAR[®] BY DUPONT[™]

1.0 MIL SATIN CLEAR
ANTI-GRAFFITI LAMINATE
CLEAR PERMANENT ADHESIVE

GF 108 Tedlar[®] DuPont[™] is a satin clear 1.0 mil transparent PVF Film coated with a solvent permanent pressure sensitive adhesive on a 53# liner. Recommended for use in laminating applications requiring extended resistance to UV exposure, color stability or abrasion resistance. GF 108 made with Tedlar[®] DuPont[™] is graffiti resistant. See cleaning recommendations listed below.

| PRODUCT NAME | 108 |
|---|---------------------------------------|
| FILM | |
| Film Type | Clear Tedlar PVF Film |
| Film Thickness (mils/ μ m) | 1.0 / 25 (+/- 10%) |
| Film Weight (gsm) | 36 |
| Gloss (60°) | 65 |
| Opacity (%) | N/A |
| Tensile Strength (lbs/in) | MD \geq 10000 / CD \geq 18000 |
| Elongation (%) | MD \geq 120 / CD \geq 125 |
| Dimensional Stability (FTM 14) | MD \leq 0.40 mm / CD \leq 0.30 mm |
| ADHESIVE | |
| Adhesive Type | Solvent Acrylic |
| Adhesive Thickness (mils/ μ m) | 0.8-1.0 / 20-25 |
| Adhesive Color | Clear |
| Peel Strength on Stainless Steel (lbs/in) / (N/25mm) 15 min | 1.7 / 7.4 |
| Peel Strength on Stainless Steel (lbs/in) / (N/25mm) 24 hrs | 2.2 / 9.6 |
| LINER | |
| Liner Weight (#/gsm) | 45 / 73 |
| Liner Type | White PE-Coated One Sided Kraft |
| Liner Thickness (mils/ μ m) | 3.0 / 76 |
| Release Force @ 300" / min (g/2") | 55-75 |
| PERFORMANCE GUIDANCE | |
| Application Temperature | \geq +50 °F |
| Service Temperature | -40 °F to 225 °F |
| Shelf Life | 2 years |
| Storage Temp / Rel. Humidity | 70 °F / 50% |
| Outdoor Durability | up to 10 years |

TECHNICAL DATA SHEET

GF 108 - 1.0 MIL SATIN CLEAR ANTI-GRAFFITI LAMINATE CLEAR PERMANENT ADHESIVE

| PRODUCT SNAPSHOT | APPLICATIONS | INK TYPE |
|--|--|---|
| APPLICATION <ul style="list-style-type: none"> <input type="radio"/> WET APPLY <input checked="" type="radio"/> DRY APPLY <input checked="" type="radio"/> LAMINATING <input type="radio"/> MOUNTING <input checked="" type="radio"/> DIE CUTTABLE <input type="radio"/> HOT STAMP <input type="radio"/> THERMAL DIE <input type="radio"/> FLATBED CUTTABLE | <ul style="list-style-type: none"> <input checked="" type="radio"/> POP/RETAIL <input checked="" type="radio"/> WALL <input checked="" type="radio"/> WRAP <input checked="" type="radio"/> WINDOW <input type="radio"/> FLOOR <input type="radio"/> TRANSLUCENT <input checked="" type="radio"/> FLEET <input checked="" type="radio"/> GENERAL SIGNAGE <input checked="" type="radio"/> OUTDOOR (LONG TERM) | <ul style="list-style-type: none"> <input type="radio"/> SOLVENT <input type="radio"/> ECO-SOLVENT <input type="radio"/> LATEX <input type="radio"/> UV CURABLE <input type="radio"/> SCREEN <input type="radio"/> OFFSET (UV CURABLE) <input type="radio"/> OFFSET (CONVENTIONAL) |
| SUBSTRATES <ul style="list-style-type: none"> <input type="radio"/> OEM PAINTED METAL <input type="radio"/> PAINTED ALUMINUM <input type="radio"/> STAINLESS STEEL <input type="radio"/> LOW-ENERGY SURFACES <input type="radio"/> ACRYLIC | | |

| FAQS | |
|--|---|
| Does GF 108 protect from UV rays? | GF 108 is designed to extend the exposure resistance of graphics, decals, and nameplates. This overlay will protect inks and graphics from fading caused by exposure to UV radiation. |
| What types of graffiti does GF 108 protect from? | Tedlar® DuPont™ film is resistant to permanent markers, spray paint, and harsh chemicals. Cleaners such as MEK and Acetone may be used and have no adverse effects on the film. |

TECHNICAL DATA SHEET

GF 108 APPLICATION INSTRUCTIONS

CLEANING RECOMMENDATIONS

GF 108 made with DuPont™ Tedlar® film is easy to clean. Tedlar® film can be cleaned with a simple mixture of soap and water. Light washing should be all that is needed to keep graphics looking clean and bright. Most paint or sprayed on graffiti can be removed with suitable commercial solvents without damage to the Tedlar® surface. The procedures for removing stains can be divided into three categories, depending on the staining agent. In all cases, cleaners should be applied generously using a soft cloth with very light pressure to avoid polishing the stained area.

- **Easy Method: (Cloth Only, Wet or Dry)** Many staining agents can simply be wiped from the Tedlar® film using either a wet or dry cloth.
- **Mild Method: (Soaps, Household Detergents)** Some staining agents require the use of warm, full-strength solutions of standard detergents such as Fantastik™.
- **Moderate Method: (Solvents)** Many staining agents, especially those with heavy oil or grease bases, will require the use of a solvent for removal. To remove asphalt, tar, road oil, grease, fresh paint, or caulking compounds from Tedlar® film, use a good grade of mineral spirits, kerosene, naphtha, turpentine, or commercial automotive or road-oil removal agent. Follow the procedure with a detergent rinse and a clear water rinse. For the most stubborn stains, solvents such as acetone, toluene, or methyl ethyl ketone (MEK) may be used.*

* These stains should be removed with a soft cloth and detergent solution and given a final rinse with clear water to obtain maximum stain removal.

* Follow best practices for using protective gear when using commercial based chemicals.

Tedlar® is a DuPont™ registered trademark for polyvinyl fluoride film.