

ONE WAY WINDOW

Perforated Adhesive Vinyl
50/50 or 70/30 Visibility

Common Uses
Vehicles, Windows & Other Transparent Surfaces

Environment
Indoor & Outdoor

Print Sides
Single-sided

Size Options
Custom Size

Options
Gloss or No Laminate

Technical Data >

TECHNICAL DATA SHEET

50/50 PERFORATION

Perforation pattern: Approx. 50/50 (50% open)
Perforation size: 0.06 in. (1.5 mm)
Film: 8-mil calendered PVC on a 3-in. core
Composition: White/black PVC laminate with clear pressure-sensitive adhesive coating and a release liner consisting of clear PET film laminated to perforated paper to absorb ink.
Vinyl Thickness (incl. adhesive): 8 mils (.008 in./203 microns), approx.
Release Liner Thickness: 7 mils (.007 in./178 microns), approx.
Adhesive Thickness: 1 mil (.001 in./25 microns), approx.
Dimensional Stability: Good
Minimum Application Temperature: 40°F (4°C)
Service Temperature Range: 0°F to 140°F (-17°C to 60°C)
Expected Lifetime Exterior: 2 to 3 years

6 months for clean removal. Adhesion may increase with time.

Water Resistance: Fair

Immersion in water not recommended. If exposed to rain, an optically clear, compatible overlaminate can be used to prevent holes from filling with water.

Humidity Resistance: Fair
Solvent Resistance: Good
Installation:

Apply to clean, dry glass surface. Use mild soap and water, rinse and dry glass well.

Do NOT use ammonia, Windex® or other solvent-based glass cleaner prior to application.

Removal:

Remove by peeling from surface.

Remove any adhesive residue on older installations, if necessary.

Continued >

70/30 PERFORATION

Perforation pattern: Approx. 70/30 (30% open)
Perforation size: Approx. 0.055 in. (1.4 mm)
Film: Approx. 6-mil calendered PVC on a 3-in. core
Composition: White/black composite PVC with clear pressure-sensitive adhesive and an unperforated solid paper release liner or a clear PET liner (thickness of which may vary).
Vinyl Thickness (incl. adhesive): 6 mils (.006 in./153 microns), approx.
Release Liner Thickness:

Solid paper liner: 6 mils (.006 in./153 microns), approx.
Clear PET liner: 5.5 mils (.0055 in./140 microns), approx.

Adhesive Thickness: .5 mils (.0005 in./13 microns), approx.
Dimensional Stability: Fair
Minimum Application Temperature: 40°F (4°C)
Service Temperature Range: 0°F to 140°F (-17°C to 60°C)
Expected Lifetime Exterior: Up to 1 year

3 months for clean removal. Adhesion may increase with time.

Water Resistance: Fair

Immersion in water not recommended. If exposed to rain, an optically clear, compatible overlaminate can be used to prevent holes from filling with water.

Humidity Resistance: Fair
Solvent Resistance: Fair
Installation:

Apply to clean, dry glass surface. Use plain soap and water, rinse and dry glass well.
Do NOT use ammonia, Windex® or other solvent-based glass cleaners prior to application.

Removal:

Remove by peeling from surface.
Remove adhesive residue on older installations, if necessary.

Continued >

LAMINATE DATA

Film Type: Optically Clear Cast Vinyl
Film Thickness (mils/µm): 2.0/50 (+/- 10%)
Film Weight (gsm): 65
Gloss (60°): >90
Opacity (%): N/A
Elongation (%): MD > 200
Dimensional Stability (FTM 14): MD ≤ 0.35 mm
Adhesive Type: Optically Clear Solvent Acrylic
Adhesive Thickness (mils/µm): 0.8-1.2/20-31
Adhesive Color: Clear
Peel Strength on Stainless Steel (lbs/in)/(N/25mm): 15min 2.2/9.6
Peel Strength on Stainless Steel (lbs/in)/(N/25mm): 24hrs 2.8/12
Liner Weight (#/gsm): 43/70
Liner Type: Clear Frosted Polyester
Liner Thickness (mils/µm): 2.0/50
Release Force @ 300"/min (g/2"): 15-45
Application Temperature: > +50°F
Service Temperature: -40°F to 180°F
Outdoor Durability: 7 years