

3M™ IJ-35C

3.2mil Pressure Sensitive Adhesive Vinyl
3M Comply™ Air Release

Common Uses
Windows, Walls, Promotions, Retail, Event Graphics & More

Longevity
Long-term (5 Years)

Environment
Indoor & Outdoor

Print Sides
Single-sided

Size Options
Custom Size

Options
Contour Cut
Gloss, Matte or No Laminate

Technical Data >

TECHNICAL DATA SHEET

PROPERTIES

Pressure-sensitive adhesive with Comply™ Adhesive for fast, easy bubble-free installations

PHYSICAL CHARACTERISTICS

Material: Vinyl
Color: White opaque
Film thickness: Without adhesive: 3.2 mil (0.081 mm) With adhesive: 4.0 mil (0.102 mm)
Adhesive type: Pressure-sensitive
Adhesive color: Gray
Liner: Polycoated paper

APPLICATION CHARACTERISTICS

Finished graphic application recommendations
Surface type: Smooth, flat and simple curved surfaces
Substrate type: Metal, rigid plastic and painted substrates
Application temperature: air and substrate 40° to 100°F (4° to 38°C)
Application method: Dry
Finished graphic exposure temperature: -59° to +192°F (-50° to +90°C)
Graphic removal: Permanent

EXPOSURE TYPES

U.S. Vertical Exposure: The face of the graphic is +/- 10° from vertical.

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LAMINATE DATA

GLOSS LAMINATE

Film Type: Clear Monomeric Vinyl
Film Thickness (mils/µm): 3.0/76 (+/- 10%)
Film Weight (gsm): 98
Gloss (60°): >80
Opacity (%): N/A
Tensile Strength (lbs/in): MD > 4000/CD > 3600
Elongation (%): MD > 180/CD > 200
Dimensional Stability (FTM 14): MD < 1.20 mm/CD < 1.00 mm
Adhesive Type: Emulsion Acrylic
Adhesive Thickness (mils/µm): 0.8-1.1/20-28
Adhesive Color: Clear
Peel Strength on Stainless Steel (lbs/in)/(N/25mm) 15 min: 3.8/17
Peel Strength on Stainless Steel (lbs/in)/(N/25mm) 24 hrs: 5.0/22
Liner Weight (#/gsm): 53/86 (+/- 10%)
Liner Type: White Clay Coated Kraft
Liner Thickness (mils/µm): 3.5/89
Release Force @ 300”/min (g/2”): 10-40
Application Temperature: > +40°F
Service Temperature: -40°F to 180°F
Outdoor Durability: 4 years

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MATTE LAMINATE

Film Type: Clear Intermediate Vinyl
Film Thickness (mils/um): 3.0/76 (+/- 10%)
Film Weight (gsm): 95
Gloss (60°): ≤20
Opacity (%): N/A
Tensile Strength (psi): MD ≥ 4000/CD ≥ 3600
Elongation (%): MD ≥ 225/CD ≥ 250
Dimensional Stability (FTM 14): MD ≤ 1.20 mm/CD ≤ .80 mm
Adhesive Type: Emulsion Acrylic
Adhesive Thickness (mils/um): 0.8-1.1/20-28
Adhesive Color: Clear
Peel Strength on Stainless Steel (lbs/in)/(N/25mm) 15 min: 2.8/12
Peel Strength on Stainless Steel (lbs/in)/(N/25mm) 24 hrs: 4.5/20
Liner Weight (#/gsm): 53/86
Liner Type: White PE-Coated 1 side Kraft
Liner Thickness (mils/um): 3.5/89
Release Force @ 300"/min (g/2"): 10-40
Application Temperature: ≥ +40°F
Service Temperature: -40°F to 180°F
Outdoor Durability: Up to 4 years