GENERAL FORMULATIONS

TECHNICAL DATA SHEET

GF 218 WINDOWMARK® BLOCKOUT

8.0 MIL GLOSS WHITE DUAL-LAYER VINYL CLEAR REMOVABLE ADHESIVE

GF 218 WindowMark® Blockout is an 8.0 mil monomeric gloss white print media with dual-layer construction. This allows for 100% light blockout and opacity. GF 218 is excellent for window graphics and retail displays where total opacity and zero light transmission is required. GF 218 WindowMark® Blockout is outdoor durable for up to 3 years and the clear removable adhesive makes it great for shorter-term promotions where clean removability up to a year is a benefit.

PRODUCT NAME	218
FILM	
Film Type	White Monomeric Vinyl
Film Thickness (mils/µm)	7.0 / 178 (+/- 10%)
Film Weight (gsm)	248
Gloss (60°)	≥70
Opacity (%)	100
Tensile Strength (lbs/in)	MD ≥ 3000 / CD ≥ 3000
Elongation (%)	MD ≥ 225 / CD ≥ 225
Dimensional Stability (FTM 14)	MD ≤ 0.90 mm / CD ≤ 0.90 mm
ADHESIVE	
Adhesive Type	Emulsion Acrylic
Adhesive Thickness (mils/µm)	0.8-1.0 / 20-25
Adhesive Color	Clear
Peel Strength on Stainless Steel (lbs/in) / (N/25mm) 15 min	2.3 / 11
Peel Strength on Stainless Steel (lbs/in) / (N/25mm) 24 hrs	3.0 / 13
Peel Strength on Glass (lbs/in) / (N/25mm) 15 min	2.7 / 12
Peel Strength on Glass (lbs/in) / (N/25mm) 24 hrs	2.9 / 13
LINER	
Liner Weight (#/gsm)	90 / 145
Liner Type	White PE-Coated Kraft
Liner Thickness (mils/µm)	6.7 / 170
Release Force @ 300" / min (g/2")	120-150
PERFORMANCE GUIDANCE	
Application Temperature	≥ +40 °F
Service Temperature	-40 °F to 180 °F
Shelf Life	1 year
Storage Temp / Rel. Humidity	70 °F / 50%
Outdoor Durability	up to 3 years
Removability (under normal conditions)	1 year Clean Removabilty

309 S. UNION | SPARTA, MI 49345 | P:(616) 887-7387 | T:(800) 253-3664 | F:(616) 887-0537
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GF 218 - 8.0 MIL GLOSS WHITE DUAL-LAYER VINYL CLEAR PERMANENT ADHESIVE

PRODUCT SNAPSHOT

APPLICATION

- ● WET APPLY
- ● DRY APPLY
- ❍ LAMINATING
- ❍ MOUNTING
- ● DIE CUTTABLE
- ❍ HOT STAMP
- ❍ THERMAL DIE
- ● FLATBED CUTTABLE

SUBSTRATES

- ● OEM PAINTED METAL
- ● PAINTED ALUMINUM
- ● STAINLESS STEEL
- ❍ LOW-ENERGY SURFACES
- ● GLASS

APPLICATIONS

- ● POP/RETAIL
- ❍ WALL
- ❍ WRAP
- ● WINDOW
- ❍ FLOOR
- ❍ TRANSLUCENT
- ❍ FLEET
- ● GENERAL SIGNAGE
- ● OUTDOOR

INK TYPE

- ● SOLVENT
- ● ECO-SOLVENT
- ● LATEX
- ● UV CURABLE
- ● SCREEN
- ● OFFSET (UV CURABLE)
- ❍ OFFSET (CONVENTIONAL)

FAQS

Can you use the film just as a block-out vinyl?	Yes. GF 218 WindowMark® Blockout is an excellent choice because ii is 100% “blockout”. The removable adhesive also makes for easy, clean removal. This can be used on store front windows and internal windows where total privacy is a must.
Can you use this vinyl for reverse print window decals or graphics?	Yes. Reverse print on a clear vinyl like GF 206 or GF 255. Then print on the GF 218 (right read) and laminate the two films together. Trim and apply the film on the inside of the window for a “Push Pull” type decal or graphic.
Can this vinyl be contour cut?	Yes. GF 218 WindowMark® Blockout can be contour cut for medium to larger graphics. This vinyl is not intended to be used for print and cut letters. The ideal applications are decals and window graphics where zero light transmission is required.

For Standard Terms & Conditions: www.generalformulations.com/terms-conditions

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