

TECHNICAL DATA SHEET

GF NFD 223AE

6.0 MIL PREMIUM MATTE WHITE SEMI-RIGID CALENDERED VINYL FILM CLEAR REMOVABLE ADHESIVE WITH AIR EGRESS

GF NFD 223AE is a 6.0 mil premium matte white semi-rigid calendered vinyl film coated with a low-tack removable acrylic pressure sensitive adhesive and is laminated to a 90# layflat liner with Air Egress technology. It is top coated with a cross-platform coating compatible with a wide array of narrow format production digital printing presses. GF NFD 223AE adhesive has low initial tack which allows for repositionability of the graphic during application. The robust face film aids in handling the graphic during application. It removes cleanly from most hard smooth surfaces. The 90# polycoated Air Egress liner maintains lay-flat characteristics in a variety of ambient conditions and enhances bubble free applications. GF NFD 223AE is available in 19" x 13" & 29.5" x 20.5" sheet sizes.

PRODUCT NAME	GF NFD 223AE
FILM	
Film Type	White Semi-Rigid (Polymeric) Vinyl
Film Thickness (mils/μm)	6.0 / 152 (+/- 10%)
Film Weight (gsm)	215
Gloss (60°)	≤ 20
Opacity (%)	99
ADHESIVE	
Adhesive Type	Low-Peel Removable
Adhesive Thickness (mils/μm)	0.8-1.0 / 20-25
Peel Strength on Stainless Steel (lbs/in) / (N/25mm) 15 min	0.08-0.30 / 0.3-1.3
Peel Strength on Stainless Steel (lbs/in) / (N/25mm) 24 hrs	0.08-0.30 / 0.3-1.3
Peel Strength on Glass (lbs/in) / (N/25mm) 15 min	0.04-0.30 / 0.2-1.3
Peel Strength on Glass (lbs/in) / (N/25mm) 24 hrs	0.04-0.30 / 0.2-1.3
LINER	
Liner Weight (# / gsm)	90 / 145
Liner Type	White PE Coated Kraft Air Egress
Liner Thickness (mils / μm)	7.0 / 180
Release Force @ 300" / min (g/2")	70-130
TOTAL CONSTRUCTION	
Thickness (mils / microns)	14 / 356 (+/- 10%)
Weight (# per 3000ft² / gsm)	227 / 370
PERFORMANCE GUIDANCE	
Application Temperature	> +40°F
Service Temperature	-40°F to +180°F
Shelf Life	1 Year
Storage Temp / Rel. Humidity	70°F / 50% RH
Outdoor Durability	Up to 3 Years

*All values provided are typical averages intended for guidance only and should not be interpreted as product specifications or warranties.