

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. The robust face film aids in handling the graphic during application. The air egress poly coated liner maintains layflat 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	Emulsion
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 3000ft ² / 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.*