

# TECHNICAL DATA SHEET

## GF NFD 222

### 6.0 MIL PREMIUM MATTE WHITE SEMI-RIGID CALENDERED VINYL FILM

GF NFD 222 is a 6.0 mil premium matte white semi-rigid calendered vinyl film which is coated with a permanent acrylic pressure sensitive adhesive and is laminated to a 90# lay flat liner. 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 adhesive is a general purpose permanent acrylic adhesive that after 24 hours offers an excellent bond to many surfaces. The 90# poly coated liner maintains lay flat characteristics in a variety of ambient conditions. GF NFD 222 is available in 19" x 13" & 29.5" x 20.5" sheet sizes.

PRODUCT NAME	GF NFD 222
<b>FILM</b>	
Film Type	White Semi-Rigid (Polymeric) Vinyl
Film Thickness (mils/ $\mu$ m)	6.0 / 152
Film Weight (gsm)	218
Gloss (60°)	$\leq$ 20
Opacity (%)	$\geq$ 98
<b>ADHESIVE</b>	
Adhesive Type	Permanent
Adhesive Thickness (mils/ $\mu$ m)	0.8-1.0 / 20-26
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	4.4 / 19
<b>LINER</b>	
Liner Weight (# / gsm)	90 / 145
Liner Type	White PE Coated Kraft
Liner Thickness (mils / $\mu$ m)	6.7 / 170
Release Force @ 300" / min (g/2")	50-100
<b>TOTAL CONSTRUCTION</b>	
Thickness (mils / microns)	14 / 356 (+/- 10%)
Weight (# per 3000ft <sup>2</sup> / gsm)	227 / 370
<b>PERFORMANCE GUIDANCE</b>	
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