

**TECHNICAL
DATA
SHEET**

GF NFD 219

6.0 MIL PREMIUM GLOSS CLEAR SEMI-RIGID CALENDERED VINYL FILM

GF NFD 219 is a 6.0 mil premium gloss clear semi-rigid calendered vinyl film which is coated with a low tack removable 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. GF NFD 219 adhesive has low initial tack which allows for repositionability of the graphic during application. It removes cleanly from most hard smooth surfaces. The 90# poly coated liner maintains lay flat characteristics in a variety of ambient conditions. GF NFD 219 is available in a 19" x 13" sheet size.

PRODUCT NAME	GF NFD 219
FILM	
Film Type	Clear Semi-Rigid (Monomeric) Vinyl
Film Thickness (mils/ μ m)	6.0 / 152
Film Weight (gsm)	200
Gloss (60°)	70
ADHESIVE	
Adhesive Type	Low Peel Removable
Adhesive Thickness (mils/ μ m)	0.8-1.0 / 20-26
Peel Strength on Stainless Steel (lbs/in) / (N/25mm) 15 min	0.04-0.1 / 0.2-0.4
Peel Strength on Stainless Steel (lbs/in) / (N/25mm) 24 hrs	0.04-0.2 / 0.2-0.9
Peel Strength on Glass (lbs/in) / (N/25mm) 15 min	0.04-0.2 / 0.2-0.9
Peel Strength on Glass (lbs/in) / (N/25mm) 24 hrs	0.04-0.3 / 0.2-1.3
LINER	
Liner Weight (# / gsm)	90 / 145
Liner Type	White PE Coated Kraft
Liner Thickness (mils / μ m)	6.7 / 170
Release Force @ 300" / min (g/2")	80-130
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	3 Years
Removability	1 Year Indoor / 6 months Outdoor