

# TECHNICAL DATA SHEET

## GF NFD 249

### 3.0 MIL MATTE CLEAR FLEXIBLE CALENDERED VINYL FILM

GF NFD 249 is a 3.0 mil matte clear flexible calendered vinyl film which is coated with a beaded/microspheric repositionable 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. The beaded adhesive allows for the decal to be moved and re-applied on painted walls in good condition. The 90# poly coated liner maintains lay flat characteristics in a variety of ambient conditions. GF NFD 249 is available in a 19" x 13" sheet size.

PRODUCT NAME	GF NFD 249
<b>FILM</b>	
Film Type	Matte Clear Flex (Polymeric) Vinyl
Film Thickness (mils/ $\mu$ m)	3.0 / 80
Film Weight (gsm)	85
Gloss (60°)	< 20
<b>ADHESIVE</b>	
Adhesive Type	Removable
Adhesive Thickness (mils/ $\mu$ m)	0.8-1.0 / 20-26
Peel Strength on Stainless Steel (lbs/in) / (N/25mm) 15 min	0.8 / 3.5
Peel Strength on Stainless Steel (lbs/in) / (N/25mm) 24 hrs	1.0 / 4.4
<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")	120-220
<b>TOTAL CONSTRUCTION</b>	
Thickness (mils / microns)	11 / 274 (+/- 10%)
Weight (# per 3000ft <sup>2</sup> / gsm)	163 / 265
<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	Removable Up to 1 Year Indoors