

**TECHNICAL
DATA
SHEET**
**VFW-NTC-OP/90
SCREEN & OFFSET**
**3.4 MIL MATTE WHITE VINYL
GREY PERMANENT OPAQUE ADHESIVE**

A 3.4 mil polymeric white matte flexible calendered PVC film coated with a grey permanent acrylic pressure sensitive adhesive laminated to a 90# layflat liner. This film is designed to accept a variety of solvent-based inkjet and UV curable inks. The grey adhesive creates a permanent bond to a variety of common substrates used in graphics applications. The 90# liner offers excellent product layflat in a variety of ambient conditions.

PRODUCT NAME	VFW-NTC-OP/90
FILM	
Film Type	Matte White Vinyl
Film Thickness (mils/ μ m)	3.4 mil / 86 μ m (+/- 10%)
Film Weight (gsm)	120
Gloss (60°)	\geq 20
Opacity (%)	\geq 99
ADHESIVE	
Adhesive Type	Permanent
Adhesive Color	Grey
Adhesive Thickness (mils/ μ m)	0.8-1.1 mil / 20-28 μ m
Peel Strength on Stainless Steel (lbs/in) / (N/25mm) 15 min	4.0 / 17
Peel Strength on Stainless Steel (lbs/in) / (N/25mm) 24 hrs	5.0 / 22
LINER	
Liner Weight (#/gsm)	90 / 145 (+/- 10%)
Liner Type	White 2-Sided PE-Coated Kraft
Liner Thickness (mils/ μ m)	6.7 mil / 170 μ m
Release Force @ 300" / min (g/2")	70-120
PERFORMANCE GUIDANCE	
Application Temperature	\geq +40 degrees F
Service Temperature	-40 to 180 degrees F
Shelf Life	1 year
Storage Temp / Rel. Humidity	70 degrees F / 50%
Outdoor Durability	Up to 5 years