

**TECHNICAL  
DATA  
SHEET**
**VFB-NTC-AP/90  
SCREEN & OFFSET**
**3.4 MIL MATTE BLACK VINYL  
CLEAR PERMANENT ADHESIVE**

A 3.4 mil matte black flexible calendered vinyl film coated with permanent acrylic pressure sensitive adhesive on a 90# layflat liner. This film is designed to accept a variety of UV curable and solvent-based screen inks for general decal printing. This product is designed for signage, decals, nameplates, die-cut letters and point-of-purchase displays.

PRODUCT NAME	VFB-NTC-AP/90
<b>FILM</b>	
Film Type	Matte Black Vinyl
Film Thickness (mils/ $\mu$ m)	3.4 mil / 86 $\mu$ m (+/- 10%)
Film Weight (gsm)	120
Gloss (60°)	$\geq 20$
Opacity (%)	$\geq 99$
<b>ADHESIVE</b>	
Adhesive Type	Permanent
Adhesive Color	Clear
Adhesive Thickness (mils/ $\mu$ m)	0.8-1.0 mil / 20-25 $\mu$ m
Peel Strength on Stainless Steel (lbs/in) / (N/25mm) 15 min	3.0 / 13
Peel Strength on Stainless Steel (lbs/in) / (N/25mm) 24 hrs	4.0 / 18
<b>LINER</b>	
Liner Weight (#/gsm)	90 / 145 (+/- 10%)
Liner Type	White 2-Sided PE-Coated Kraft
Liner Thickness (mils/ $\mu$ m)	6.7 mil / 170 $\mu$ m
Release Force @ 300" / min (g/2")	50-80
<b>PERFORMANCE GUIDANCE</b>	
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 2 years