

TECHNICAL DATA SHEET

VFC-NTC-HTP/90 SCREEN & OFFSET

2.4 MIL GLOSS CLEAR VINYL
CLEAR HIGH-TACK PERMANENT ADHESIVE

A 2.4 mil gloss clear calendered vinyl film coated with high-tack permanent solvent acrylic pressure sensitive adhesive on a 90# layflat liner. This vinyl film is designed to accept a variety of UV curable and solvent-based screen inks. Additionally this film may also offer adhesion to UV flexographic, UV offset, letterpress inks, and some thermal ribbon inks but must be tested prior to use. The 90# layflat liner offers good dimensional stability over a range of environmental conditions resulting in excellent sheet printing. This product is designed for permanent decals and nameplates requiring adhesion to a variety of substrates ranging from high surface energy surfaces such as clean metal, painted metal, glass, styrene, polyester and polycarbonate to low surface energy plastics

PRODUCT NAME	VFC-NTC-HTP/90
FILM	
Film Type	Gloss Clear Vinyl
Film Thickness (mils/ μ m)	2.4 / 61 (+/- 10%)
Film Weight (gsm)	75
Gloss (60°)	≥ 70
Opacity (%)	N/A
ADHESIVE	
Adhesive Type	Permanent
Adhesive Thickness (mils/ μ m)	0.8-1.0 / 20-25
Adhesive Color	Clear
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
Peel Strength on Glass (lbs/in) / (N/25mm) 15 min	4.0 / 18
Peel Strength on Glass (lbs/in) / (N/25mm) 24 hrs	6.0 / 26
Peel Strength on HDPE (lbs/in) / (N/25mm) 15 min	1.5 / 6.6
Peel Strength on HDPE (lbs/in) / (N/25mm) 24 hrs	2.0 / 8.8
LINER	
Liner Weight (#/gsm)	90 / 145
Liner Type	White 2-Sided PE-Coated Kraft
Liner Thickness (mils/ μ m)	6.7 / 170
Release Force @ 300" / min (g/2")	50-100
PERFORMANCE GUIDANCE	
Application Temperature	$\geq +40$ °F
Service Temperature	-40 °F to 200 °F
Shelf Life	1 year
Storage Temp / Rel. Humidity	70 °F / 50%
Outdoor Durability	Up to 5 years

**All values provided are typical averages intended for guidance only and should not be interpreted as product specifications or warranties.*