

**TECHNICAL  
DATA  
SHEET**
**VFGW-NTC-HTP/90  
SCREEN & OFFSET**
**3.0 MIL GLOSS CLEAR VINYL  
CLEAR HIGH-TACK PERMANENT ADHESIVE**

A 3.0 mil gloss white calendered vinyl film coated with a 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 clean metal, painted metal, glass, styrene and low surface energy plastics such as polypropylene and polyethylene. May also be applicable to certain powder coated metal finishes.

PRODUCT NAME	VFGW-NTC-HTP/90
<b>FILM</b>	
Film Type	Gloss White Vinyl
Film Thickness (mils/μm)	3.0 mil / 76 μm (+/- 10%)
Film Weight (gsm)	105
Gloss (60°)	≥80
Opacity (%)	94
<b>ADHESIVE</b>	
Adhesive Type	Permanent
Adhesive Color	Clear
Adhesive Thickness (mils/μm)	0.8-1.0 mil / 20-25 μm
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 15 min	1.5 / 6.6
Peel Strength on HDPE 24 hrs	2.0 / 8.8
<b>LINER</b>	
Liner Weight (#/gsm)	90 / 145 (+/- 10%)
Liner Type	White 2-Sided PE-Coated Kraft
Liner Thickness (mils/μm)	6.7 mil / 170 μm
Release Force @ 300" / min (g/2")	50-100
<b>PERFORMANCE GUIDANCE</b>	
Application Temperature	≥ +40 degrees F
Service Temperature	-40 to 200 degrees F
Shelf Life	1 year
Storage Temp / Rel. Humidity	70 degrees F / 50%
Outdoor Durability	Up to 5 years