

TECHNICAL DATA SHEET

VFC6-NTC-ARLT/90 SCREEN & OFFSET

6.0 MIL GLOSS CLEAR SEMI-RIGID VINYL
CLEAR LOW-TACK REMOVABLE ADHESIVE

VFC6-NTC-ARLT/90 is a 6.0 mil gloss clear semi-rigid vinyl with a clear low-tack removable acrylic pressure sensitive adhesive on a 90# liner. This vinyl is designed to accept a variety of solvent-based, eco-solvent, latex and UV curable inks common to wide format digital printing systems. The clear removable adhesive works on a variety of common substrates used in graphics applications. The 90# liner offers excellent product layflat in a variety of ambient conditions along with ease of application of large format graphics. Semi-Rigid films are easy to handle due to their rigidity and thus can be applied quickly.

PRODUCT NAME	VFC6-NTC-ARLT/90
FILM	
Film Type	Clear Intermediate Vinyl
Film Thickness (mils/μm)	6.0 / 152 (+/- 10%)
Film Weight (gsm)	165
Gloss (60°)	≥75
Opacity (%)	N/A
Tensile Strength (lbs/in)	MD ≥ 4800 / CD ≥ 4600
Elongation (%)	MD ≥ 250 / CD ≥ 250
Dimensional Stability (FTM 14)	MD ≤ 0.50 mm / CD ≤ 0.50 mm
ADHESIVE	
Adhesive Type	Emulsion Acrylic
Adhesive Thickness (mils/μm)	0.8-1.0 / 20-25
Adhesive Color	Clear
Peel Strength on Stainless Steel (lbs/in) / (N/25mm) 15 min	0.04-0.1 / 0.2-0.4
Peel Strength on Stainless Steel (lbs/in) / (N/25mm) 24 hrs	0.04-0.2 / 0.2-0.9
Peel Strength on Glass (lbs/in) / (N/25mm) 15 min	0.04-0.2 / 0.2-0.9
Peel Strength on Glass (lbs/in) / (N/25mm) 24 hrs	0.04-0.3 / 0.2-1.3
LINER	
Liner Weight (#/gsm)	90 / 145
Liner Type	White 2-Sided PE-Coated Kraft
Liner Thickness (mils/μm)	6.7 / 170
Release Force @ 300" / min (g/2")	80-130
PERFORMANCE GUIDANCE	
Application Temperature	≥ +40 °F
Service Temperature	-40 °F to 180 °F
Shelf Life	1 year
Storage Temp / Rel. Humidity	70 °F / 50%
Outdoor Durability	Up to 3 years
Removability	Up to 1 year

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