

# TECHNICAL DATA SHEET

## GF NFD 213 TRAFFIC GRAFFIC® 3.75 MIL EMBOSSED POLYPROPYLENE MATTE LAMINATE CLEAR PERMANENT ADHESIVE

GF NFD 213 is a 3.75 mil embossed clear flexible embossed polypropylene film. This non-glare laminate is an environmentally friendly alternative to PVC films. GF NFD 213 laminate offers a permanent acrylic pressure sensitive adhesive formulated for exceptional clarity and bond. GF NFD 213 is slip resistant and also approved for indirect food contact. It is intended for use as a laminating film for producing economical short term indoor Traffic Graffit™ floor decals, table and counter top applications. NFD 213 is available in 500 foot lengths of 12 ¾" & 20" wide rolls. Test is required on toner imaged graphics

PRODUCT NAME	GF NFD 213
<b>FILM</b>	
Film Type	Clear Polypropylene
Film Thickness (mils/μm)	3.75 / 95
Film Weight (gsm)	70
Gloss (60°)	10-30
Opacity (%)	N/A
<b>ADHESIVE</b>	
Adhesive Type	Permanent
Adhesive Thickness (mils/μm)	0.8-1.0 / 20-25
Peel Strength on Stainless Steel (lbs/in) / (N/25mm) 15 min	2.0 / 8.8
Peel Strength on Stainless Steel (lbs/in) / (N/25mm) 24 hrs	3.0 / 13
<b>LINER</b>	
Liner Weight (# / gsm)	53 / 86
Liner Type	White PE Coated Kraft
Liner Thickness (mils / μm)	3.5 / 89
Release Force @ 300" / min (g/2")	10-25
<b>TOTAL CONSTRUCTION</b>	
Thickness (mils / microns)	00 / 00 (+/- 10%)
Weight (# per 3000ft² / gsm)	000 / 000
<b>PERFORMANCE GUIDANCE</b>	
Application Temperature	> +40°F
Service Temperature	-40°F to +200°F
Shelf Life	1 Year
Storage Temp / Rel. Humidity	70°F / 50% RH
Outdoor Durability	Indoor Only
Certifications and Ratings	Meets UL Slip Resistance Standards Traffic Graffit classified by Underwriters Laboratories, Inc.® as to Slip Resistance Only UL410  The Film and Adhesive Complies with the following citations in 21CFR 174 thru 182 and 21CFR 175.105 respectively