

NIGHT VISIBLE NV-1200 Series 5-yr.¹ Removable Reflective Vinyl **Features a StaFlat Liner for Screen Printing Applications and Removable Adhesive** **Revised: 04/26/05**

Description:

Avery Dennison® Night Visible NV-1200 Series features a 90# Imprinted StaFlat Liner for Screen Printing Applications and a Removable Adhesive. Avery Dennison® NV-1200 Series is ideally suited for fleet marking applications where both nighttime visibility and ultimate graphic removal are required. The adhesive features easy removability using little or no heat and without chemicals for up to 5 years leaving virtually no residue.

Construction:

Face Film	High Gloss, Premium, Retroreflective Vinyl Film
Adhesive	Removable, Pressure-sensitive, Clear Acrylic
Release Liner	90# Imprinted StaFlat
Standard Colors	White, Yellow, Red, Gold, Orange, Blue, Black, Green, Dark Red, New Gold, Light Blue

Physical Properties:

The following information on physical and chemical characteristics is based upon tests believed to be reliable. The values are intended only as a source of information. They are given without guaranty and do not constitute a warranty. The purchaser should independently determine, prior to use, the suitability of this material for his/her specific purpose. (Data represents averages and is not intended for use as a specification.)

Outdoor Durability	5 years ¹ , when properly processed and applied (vertical exposure, unprinted film)
Removability	5 year ¹ removability from most smooth OEM vehicle paint finishes using little or no heat and without chemicals leaving virtually no residue
Minimum Surface/Ambient Air Application Temperature	50° F (10° C)
Application Surface	Flat and simple curves. NOTE: Wet method of application not recommended on NV-1200 Series reflective film. Lamination of NV-1200 over any NV product is not recommended. Use of wet method of application or application of an NV product over another NV product invalidates standard warranty.
Typical Applications	Trucks and Buses, Auto, RV, Promotional
Service Temperature Range	-40° to 180° F (-40° to 82° C) Reasonable range of temperatures that would be expected under normal environmental time and temperature conditions.
Typical Film Caliper w/Adhesive	9.3 ± 0.5 mils (236 ± 13 µm)

¹ Black NV-1200 has a 4-yr. warranty

PRODUCT DATA BULLETIN

Typical Coefficient of Retroreflection	White 70	Black 4
	Yellow 50	Green 9
	Red 14	Dark Red 10
	Gold 50	New Gold 50
	Orange 25	Light Blue 4
	Blue 4	(Tested per ASTM E810 at -4° EA/0.2° OA)
Shelf Life	One year when stored at the following temperatures and humidity conditions 68°-77° F (20° - 25° C) and 50±5% R. H.	
Dimensional Stability	Less than 0.03 in. (0.76mm) 1000 hours Atlas Twin Arc Weatherometer, EH	

Typical Converting Methods:

Screen	Reference Instructional Bulletins 3.00 and 3.30
Thermal Die Cutting	Reference Instructional Bulletin 8.20. 270° F to 300° F (132° C to 149° C) for 0.5-2.0 seconds Cutting temperatures and dwell times will vary with differences in die configuration and individual machines. Always test prior to production. NOTE: Cut shapes or letters must be 2 inches or taller.
Guillotine Cutting	Reference Instructional Bulletin 8.20
Steel Rule Die-Cutting	Reference Instructional Bulletin 8.20. NOTE: Cut shapes or letters must be 2 inches or taller.
Sign Cutting	Reference Instructional Bulletin 2.10

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Patent Pending

