

NIGHT VISIBLE NV-400 Series 2-yr. Reflective Polyester
Features a StaFlat Liner for Screen Printing
Applications and Removable Adhesive
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Description:

The Avery Dennison NV-400 Series features a 90# Imprinted StaFlat Liner for Screen Printing Applications and a Permanent Adhesive. The Avery Dennison® Night Visible NV-400 Reflective Printable Polyester film is an economical, enclosed lens, retroreflective construction.

Construction:

Face Film	High Gloss, Premium, Retroreflective Polyester Film
Adhesive	Removable, Pressure-sensitive, Clear Acrylic
Release Liner	90# Imprinted StaFlat
Standard Colors	White

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	2 years, when properly processed and applied (vertical exposure, unprinted film)
Minimum Surface/Ambient Air Application Temperature	50° F (10° C)
Application Surface	Flat. Not recommended for unpainted Stainless Steel applications. NOTE: Wet method of application not recommended on Avery NV-400 Series reflective films. Use of wet method of application invalidates standard warranty on this product.
Typical Applications	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	6.2 ± 0.5 mils (157 ± 13 µm)
Typical Coefficient of Retroreflection	White 50 (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	Good to excellent. Determined by measuring shrinkage of unprinted film applied to a 36 in. ² (232 cm ²) aluminum test panel after 72 hours aging at 73° F (23° C) 50±5% RH Followed by 48 hours at 150° F (65° C).



Typical Converting Methods:

Screen	Reference Instructional Bulletins 3.00
Thermal Die Cutting	Not recommended
Guillotine Cutting	Reference Instructional Bulletin 8.20
Steel Rule Die-Cutting	Reference Instructional Bulletin 8.20. (Throughcut only; not suggested for kiss-cut applications.)
Sign Cutting	Not recommended

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