

Product Data Bulletin

PX 1003 Clear Polyester / S652 / 90# (Revision 2)

Dated: 12/05/01

Description:

Avery Dennison™ PX 1003 Clear / S652 / 90# is a 1.0 mil (25 µm) clear polyester construction featuring a printable polyester face. PX 1003 Clear / S652 / 90# is ideal for applications such as printed window or decorative decals that require a permanent clear polyester.

Construction:

Face Film:	1.0 mil (25 µm) clear, printable polyester
Adhesive:	S-652 permanent, clear, acrylic pressure-sensitive
Release Liner:	90# StaFlat

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).

Recommended Print Method:	Screen (Reference IB #3.00 for ink recommendations). Offset
Outdoor Durability:	2 years, when properly processed and applied (vertical exposure, unprinted film)
Minimum Surface/Ambient Air Application Temperature:	40° F (4° C)
Application Surface:	Flat
Service Temperature Range:	-40° F to 300° F (-40° C to 149° C) (Reasonable range of temperatures which would be expected under normal environmental time and temperature conditions)
Typical Film Caliper (w/adhesive):	2.0 mils (51 µm)
Chemical Resistance:	Resistant to most mild acids, alkalies and salt solutions
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:	Excellent. Determined by measuring shrinkage of film applied to 36 in. ² (232 cm ²) aluminum test panel after 72 hrs. aging at 73° F (23° C) 50±5% R. H. followed by 48 hrs. at 150° F (65° C)

Typical Converting Methods:

Steel Rule Die-Cutting:	Yes
Guillotine Cutting:	Yes, cut in small lifts
Rotary Die Cutting:	Yes
Thermal Die Cutting:	No



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Additional Information:

Premask:	Yes
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Revisions have been italicized.

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