

Polar®

Monomeric

The high opacity of Polar® Monomeric provides an excellent printing surface and offers a consistent white point. Polar® Monomeric also offers excellent indoor and outdoor durability with a 2 year lifespan for exterior applications. With both permanent and removable adhesive options, Polar® Monomeric maximizes adhesive performance on a wide variety of substrates.

- IDEAL FOR OUTDOOR OR INDOOR APPLICATIONS
- PERMANENT OR REMOVABLE OPTIONS
- EXCELLENT WHITE POINT FOR PRINTING

3.2
mil

White
Monomeric
PVC

Matte or
Gloss



(Eco) Solvent
Latex
UV



Gray or Clear
Removable or Permanent
Acrylic (Pressure Sensitive)



Widths up to 54 in



EXTERIOR & INTERIOR

EXCELLENT PRINTING SURFACE



APPLICATIONS

POP AND ADVERTISING GRAPHICS
POSTERS
EXHIBITION GRAPHICS
GENERAL SIGNAGE



DRYTAC®
ADHESIVE SCIENCE

www.drytac.com

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Polar® Monomeric is a 3.2 mil (80µ) white monomeric PVC film with either a gloss or matte finish. Polar® Monomeric is either coated on one side with a gray permanent or removable, pressure sensitive solvent acrylic adhesive or a clear permanent, pressure sensitive acrylic adhesive that is protected by a white Kraft release paper coated on both sides with PE and siliconized on the release side.

PERMANENT ADHESIVE

- Gloss Finish with Clear Permanent Adhesive
- Gloss Finish with Gray Permanent Adhesive
- Matte Finish with Gray Permanent Adhesive

REMOVABLE ADHESIVE

- Gloss Finish with Gray Removable Adhesive

INSTALLATION

RECOMMENDATION

The surface must be clean and smooth and free of defects before application.

For more information, performance and warranty guidelines please contact your local Drytac office.

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TECHNICAL SPECIFICATION

PRODUCT STRUCTURE

Film	Gloss White Monomeric PVC	Matte White Monomeric PVC
Adhesive	Gray or Clear Permanent Solvent Acrylic (Pressure Sensitive) or Gray Removable Solvent Acrylic (Pressure Sensitive)	Gray Permanent Solvent Acrylic (Pressure Sensitive)
Release Liner	140 gsm 2 Side PE Coated, 1 Side Siliconized White Kraft	

PRODUCT CHARACTERISTIC

Film Thickness	3.2 mil (80µ) 4.2 mil
Adhesive Layer	1 mil (25µ) (105µ)
Film/Adhesive Ratio	3:2:1
UV Protection Factor	Not Applicable
Outdoor Durability	2 Years
Application Temperature	>41°F (20°C)
Service Temperature Range	-4°F to 149°F (-20°C to 65°C)
Shelf Life	1 year
Storage Conditions	59°F to 72°F (15°C to 22°C); 50 - 55% Relative Humidity

OVERLAMINATE RECOMMENDATIONS

When using Polar® Monomeric, an overlaminate can be used for maximum life expectancy. Products recommended for use with Polar® Monomeric are Drytac's Dynamic Plus™ overlaminates.

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ADHESIVE SCIENCE

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