

Polar®

Premium RB90

Polar® Premium RB90 is a high-opacity printable film engineered for vibrant, consistent graphics. Its bright white matte surface ensures sharp image reproduction and accurate color, while the removable grey adhesive provides a secure bond to smooth, flat surfaces and removes cleanly without residue. The 90# lay-flat liner offers dimensional stability and easy handling during printing and installation.

Ideal for both indoor and outdoor use, Polar® Premium RB90 is perfect for wall and window hoardings, barricades, decals, and short-term promotional graphics that demand quality, durability, and effortless removal—delivering professional results for every graphic application.

3.2
mil

White
Polymeric
PVC

Matte



(Eco) Solvent
Latex
UV



Grey Removable
Acrylic
(Pressure Sensitive)



Widths up to 62 in



INTERIOR & EXTERIOR
(with matching overlamine)

HIGH-IMPACT, REMOVABLE MEDIA



APPLICATIONS

WALL GRAPHICS

WINDOW GRAPHICS

DECALS + STICKERS

GENERAL SIGNAGE

HOARDING/BARRICADE GRAPHICS



DRYTAC®
ADHESIVE SCIENCE

www.drytac.com

Premium RB90

Polar® Premium RB90 is a 3.2 mil (80µ) matte white polymeric self-adhesive PVC film engineered for high-impact, short-term graphics. Its premium removable grey acrylic adhesive provides a secure yet clean-removing bond, ensuring easy installation and residue-free removal from a variety of smooth, flat surfaces. The 90# lay-flat release liner enhances dimensional stability and handling, making it well-suited for precision printing, cutting, and application.

With its bright white, high-opacity finish, Polar® Premium RB90 delivers exceptional color vibrancy and print consistency across a wide range of printing technologies. Ideal for both indoor and outdoor use, it's the perfect choice for wall and window hoardings, barricades, decals, and short-term promotional graphics.

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	Matte White Polymeric PVC
Adhesive	Grey Removable Acrylic (Pressure Sensitive)
Release Liner	90# PE Coated Kraft

PRODUCT CHARACTERISTICS

Film Thickness	3.2 mil (80µ) 4.2 mil
Adhesive Layer	1 mil (25µ) (105µ)
Outdoor Durability	7 Years with Matching Laminate (6 Months Removability)
Fire Ratings	Class A or Class 0 (ASTM E-84) PASS (CAN/ULC-S102)
Application Temperature	-4°F (-20°C)
Service Temperature Range	-40°F to 212°F (-40°C to 100°C)
Shelf Life	2 Years
Storage Conditions	59°F to 72°F (15°C to 22°C); 50 - 55% Relative Humidity

OVERLAMINATE RECOMMENDATIONS

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

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ADHESIVE SCIENCE

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