

# Polar®

## Grip Air

Polar® Grip Air's unique high bond adhesive is designed to stick to products with low surface energy, making it suitable for adhering graphics or decals to machine equipment, motorcycle helmets, Sintra®, smooth plastic substrates or coarse surfaces such as brick or concrete. Unlike most self-adhesive vinyls, Polar® Grip Air has a thicker adhesive layer that creates a tighter grip on porous materials. Polar® Grip Air has an air release liner that provides bubble-free and easy graphic application.

- IDEAL FOR GRAPHICS OR DECALS ON MACHINE EQUIPMENT
- SUITABLE FOR INDOOR & OUTDOOR USE
- THE AGGRESSIVE ADHESIVE IS IDEAL FOR LOW SURFACE ENERGY SUBSTRATES
- BONDS WELL TO BRICK OR COARSE CONCRETE SURFACES WITH HEAT

Product Code: PGMA

80  
micron

White  
Polymeric  
PVC

■  
Matte



(Eco) Solvent  
Latex  
UV



High Coat Weight Grey  
Permanent Adhesive with  
Bubble-Free Technology



Widths up to 1370mm



**7 YEARS DURABILITY**  
**INTERIOR & EXTERIOR**  
(with matching overlamine)

**HIGH TACK ADHESIVE WITH BUBBLE-FREE TECHNOLOGY**



## APPLICATIONS

MACHINERY SIGNAGE  
LOW ENERGY SUBSTRATES  
MOTORCYCLE HELMETS  
BRICK WALLS



**DRYTAC®**  
ADHESIVE SCIENCE

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## Grip Air

### TECHNICAL SPECIFICATION

Polar® Grip Air is a 3.2 mil (80µ) premium, white polymeric self-adhesive PVC film with a high coat weight, permanent, pressure sensitive grey acrylic adhesive that is protected by a 90# white Kraft release paper with bubble-free technology which makes for an easy install. The film's unique aggressive adhesive makes it suitable for graphic applications where flexibility and high bond adhesion are desired.

- THE AGGRESSIVE ADHESIVE IS IDEAL FOR LOW SURFACE ENERGY SUBSTRATES
- SUITABLE FOR INDOOR & OUTDOOR USE
- GREAT FLEXIBILITY AND HIGH BOND ADHESION

#### INSTALLATION RECOMMENDATION

The surface must be clean and free of defects before application. Please refer to the application guide for use on rough surfaces.

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

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#### PRODUCT STRUCTURE

<b>Film</b>	Matte White Polymeric PVC
<b>Adhesive</b>	High Coat Weight Grey Permanent Acrylic (Pressure Sensitive)
<b>Release Liner</b>	90# PE Coated with Bubble-Free Technology

#### PRODUCT CHARACTERISTICS

<b>Film Thickness</b>	3.2 mil (80µ)   4.6 mil
<b>Adhesive Layer</b>	1.4 mil (35µ)   (116.84µ µ)
<b>Outdoor Durability</b>	7 years with matching laminate
<b>Fire Ratings</b>	Class C -s1,d0 (EN 13501-1) Class A or 0 (ASTM E-84) PASS (CAN/ULC-S102)
<b>Paired Solution Fire Rating</b>	B <sub>f1</sub> - s1 (EN 13501-1) when paired with Interlam Pro Emerytex
<b>Application Temperature</b>	>-5°F (-20°C)
<b>Service Temperature Range</b>	-49°F to 230°F (-45°C to 110°C)
<b>Shelf Life</b>	2 Years
<b>Storage Conditions</b>	59°F to 72°F (15°C to 22°C); 50 - 55% Relative Humidity

#### OVERLAMINATE RECOMMENDATIONS

When using Polar® Grip Air, an overlamine can be used for maximum life expectancy. Products recommended for use with Polar® Grip Air are Drytac's Weathershield™, Protac™ and Interlam™ Pro overlaminates.

For floor graphics, it is recommended to use a slip certified overlamine such as Drytac's Interlam™ Emerytex® or Protac™ Scuffguard™.

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ADHESIVE SCIENCE

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# Polar®

Grip Air Matte

WELCOME TO THE  
WINTER WORLD GAMES

## APPLICATIONS

- Machine Equipment
- Motorcycle Helmets
- Low Surface Energy Surfaces
- Brick and Concrete Surfaces

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**80** White  
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please refer to [www.drytac.com](http://www.drytac.com).



LEARN MORE

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