

# 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

**3.2**  
mil

White  
Polymeric  
PVC

Matte



(Eco) Solvent  
Latex  
UV



High Coat Weight Grey  
Permanent Adhesive with  
Bubble-Free Technology



Widths up to 54 in



**INTERIOR & EXTERIOR**  
(with matching overlaminate)

## HIGH TACK ADHESIVE WITH BUBBLE-FREE TECHNOLOGY



## APPLICATIONS

MACHINERY SIGNAGE  
LOW ENERGY SUBSTRATES  
MOTORCYCLE HELMETS  
BRICK WALLS

# DRYTAC®

ADHESIVE SCIENCE



[spiralbinding.com](http://spiralbinding.com)  
800-631-3572

# Polar®

## Grip Air

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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## TECHNICAL SPECIFICATION

### PRODUCT STRUCTURE

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

### PRODUCT CHARACTERISTICS

Film Thickness	3.2 mil (80µ)	4.6 mil
Adhesive Layer	1.4 mil (35µ)	(116.84µ µ)
Outdoor Durability	7 years with matching laminate	
Fire Ratings	Class C -s1,d0 (EN 13501-1) Class A or 0 (ASTM E-84) PASS (CAN/ULC-S102)	
Paired Solution Fire Rating	B <sub>fl</sub> - s1 (EN 13501-1) when paired with Interlam Pro Emerytex	
Application Temperature	>-5°F (-20°C)	
Service Temperature Range	-49°F to 230°F (-45°C to 110°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® Grip Air, an overlaminate can be used for maximum life expectancy. Products recommended for use with Polar® Grip Air are Drytac's Weathershield® overlaminates.

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

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