

# Polar®

## Grip

Polar® Grip'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 has a thicker adhesive layer that creates a tighter grip on porous materials. When applications require greater flexibility and high bond adhesion, Polar® Grip is an ideal choice.

- 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  
Gray Permanent  
Acrylic (Pressure Sensitive)



Widths up to 54 in



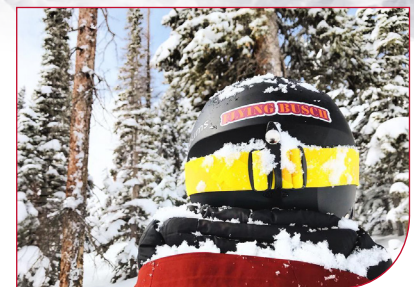
EXTERIOR & INTERIOR

**HIGH BOND ADHESIVE =  
STICKS TO PRODUCTS WITH LOW SURFACE ENERGY**



### APPLICATIONS

MACHINERY SIGNAGE  
LOW ENERGY SUBSTRATES  
MOTORCYCLE HELMETS  
BRICK WALLS



**DRYTAC®**

ADHESIVE SCIENCE

[www.drytac.com](http://www.drytac.com)

# Polar®

## Grip

Polar® Grip is a 3.2 mil (80µ) premium, matte white polymeric self-adhesive PVC film with a high coat weight, permanent, pressure sensitive gray acrylic adhesive that is protected by a 90# poly coated kraft release liner. 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

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

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## TECHNICAL SPECIFICATION

### PRODUCT STRUCTURE

|                      |  |
|----------------------|--|
| <b>Film</b>          | Matte White Polymeric PVC                                    |
| <b>Adhesive</b>      | High Coat Weight Gray Permanent Acrylic (Pressure Sensitive) |
| <b>Release Liner</b> | 90# Poly Coated Kraft  |

### PRODUCT CHARACTERISTIC

|                                  |  |                     |
|----------------------------------|--|---------------------|
| <b>Film Thickness</b>            | 3.2 mil (80µ)  | } 4.6 mil<br>(115µ) |
| <b>Adhesive Layer</b>            | 1.4 mil (35µ)  |                     |
| <b>Film/Adhesive Ratio</b>       | 3.2:1.4  |                     |
| <b>UV Protection Factor</b>      | Not Applicable   |                     |
| <b>Outdoor Durability</b>        | 5 years  |                     |
| <b>Application Temperature</b>   | >41°F (5°C)  |                     |
| <b>Service Temperature Range</b> | -22°F to 176°F (-30°C to 80°C)                             |                     |
| <b>Shelf Life</b>                | 1 year   |                     |
| <b>Storage Conditions</b>        | 59°F to 72°F (15°C to 22°C);<br>50 - 55% Relative Humidity |                     |

### OVERLAMINATE RECOMMENDATIONS

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

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

# DRYTAC®

## ADHESIVE SCIENCE

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