

# 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

Product Code: PGM & PGG

80  
micron

White  
Polymeric  
PVC

Matte or Gloss



(Eco)Solvent  
Latex  
UV



High Coat Weight  
Grey Permanent  
Acrylic (Pressure Sensitive)

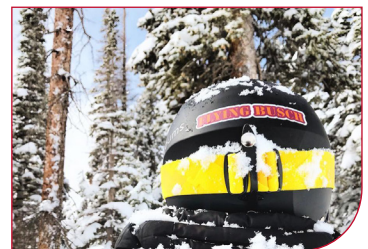


Widths up to 1524mm



EXTERIOR & INTERIOR

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)

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## Grip

Polar® Grip 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# 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

### 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

<b>Film</b>	Matte or Gloss White Polymeric PVC
<b>Adhesive</b>	High Coat Weight Grey 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
<b>Adhesive Layer</b>	1.4 mil (35µ)   (116.84µ µ)
<b>Outdoor Durability</b>	5 years
<b>Fire Ratings</b>	Class C -s1,d0 (EN 13501-1) Class A or 0 (ASTM E-84) PASS (CAN/ULC-S102)
<b>Peel Adhesion (24h, FTM1)</b>	30 N/25mm
<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>	1 year
<b>Storage Conditions</b>	59°F to 72°F (15°C to 22°C); 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 Weathershield™, Protac™ and Interlam™ Pro overlaminates.

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

**DRYTAC®**  
**ADHESIVE SCIENCE**

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