

# Polar®

## PET 170

### SCUFF- AND TEAR-RESISTANT WALL & FLOOR SOLUTIONS

Polar® PET 170 is a PVC-free print media for indoor floor and wall graphics without the need for lamination. Polar® PET 170 is slip and fire rated making it ideal for public spaces such as retail environments. Thanks to its uniquely developed adhesive, Polar® PET 170 is easy to apply, dimensionally stable and can be repositioned while installing. Polar® PET 170 is scuff- and tear-resistant, perfect for directional notices, retail promotions, POS advertising and decals in place for up to six months on floor surfaces and up to five years on vertical surfaces such as walls.

- POLAR PET 170 CONTAINS UP TO 40% INTERNAL INDUSTRIAL RECYCLED CONTENT
- CARRIES THREE DIFFERENT SLIP RATINGS & CERTIFICATIONS
- FIRE RATED TO EN 13501-1

Product Code: PFW

**170** Textured  
micron White  
PET

■  
Matte



(Eco) Solvent\*  
Latex  
UV



Clear  
Re-positionable  
Adhesive



Widths up to 1524mm

MONTHS DURABILITY  
**6**

INTERIOR  
FLOORS\*\*

YEARS DURABILITY  
**5**

INTERIOR  
WALLS



## APPLICATIONS

WALL GRAPHICS  
FLOOR GRAPHICS  
RETAIL PROMOTIONS  
WAYFINDING SIGNAGE

Certified for  
HP Latex Inks

**DRYTAC®**  
ADHESIVE SCIENCE

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

# Polar<sup>®</sup>

## PET 170

Polar<sup>®</sup> PET 170 is a 170 $\mu$  (6.8 mil) textured printable white matte polyester film, coated on one side with a clear, re-positionable pressure sensitive adhesive. The textured ink receptive film will produce high quality graphics resistant to scuffing and high traffic. Polar<sup>®</sup> PET 170 has achieved a post-printed anti-slip rating of R10 according to DIN 51130, classed as low slip potential by the UK Pendulum Test and certified to the US ANSI A137.1 slip test.

- OPTIMISED ADHESIVE FOR FLOOR GRAPHICS TO GIVE EASY APPLICATION AND REMOVAL.

- NO NEED FOR OVERLAMINATE

\*\* If used for floor applications, up to 6 months indoor durability dependent upon floor-traffic and correct installation.

\*\*\*If installed to carpet, the carpet installation surface must be short pile or tightly woven, minimal texture with a limited cushion. The carpet should be clean and dry prior to application. Due to the huge variance of carpet surfaces, materials and types along with pre and post chemical treatments, a test sample is mandatory prior to production and installation. It is important that all printer and ink manufacturer guidelines are followed. The Drytac limited warranty only covers for material defect, no returns or consequential losses will be accepted.

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

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## TECHNICAL SPECIFICATION

### PRODUCT STRUCTURE

|                      |  |
|----------------------|--|
| <b>Film</b>          | Textured White Matte PET                     |
| <b>Adhesive</b>      | Re-positionable Acrylic (Pressure Sensitive) |
| <b>Release Liner</b> | 2.2 mil (55 $\mu$ ) Frosted PET Liner        |

### PRODUCT CHARACTERISTICS

|                                  |  |                         |
|----------------------------------|--|-------------------------|
| <b>Film Thickness</b>            | 6.8 mil (170 $\mu$ )   | 8.2 mil<br>(205 $\mu$ ) |
| <b>Adhesive Layer</b>            | 1.4 mil (35 $\mu$ )  |                         |
| <b>Outdoor Durability</b>        | Internal Use Only  |                         |
| <b>Application Temperature</b>   | >41°F (5°C)  |                         |
| <b>Service Temperature Range</b> | -40°F to 356°F (-40°C to 180°C)  |                         |
| <b>Slip Ratings</b>              | R10 (DIN 51130:2014)<br>ANSI A137.1 US Certified<br>Unprinted - (EN 13036-4)<br>Low Slip Potential; Dry: 65 Wet: 37<br>Printed - (EN 13036-4)<br>Low Slip Potential; Dry: 63 Wet: 37 |                         |
| <b>Fire Rating</b>               | Class Bfl-s1 (EN 13501-1)  |                         |
| <b>Shelf Life</b>                | 2 years  |                         |
| <b>Storage Conditions</b>        | 64°F to 77°F (18°C to 25°C);<br>40 - 65% Relative Humidity   |                         |

### \*PRINTING RECOMMENDATIONS

UV and Latex inks offer the greatest durability for floor applications. Due to the variance of solvent inks it is recommended scuff resistance is tested prior to installation.

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