



# Palram Foam PVC and PVC Substrates for Digital Print and Display Applications



| TYPICAL APPLICATIONS                                                                                                                                                                                     |                                                                                                                                                                                          |                                                                                                                                                                                                        |                                                                                                                                                                                                                                 |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p><b>BEST ALL-AROUND</b></p> <p>High quality signs, graphics, displays and exhibits. Provides the best all-around performance for digital &amp; screen print applications, and display fabrication.</p> | <p><b>ECONOMICAL</b></p> <p>Palram's Economical Print Substrate (EPS). Great for lamination applications and cost-sensitive or short-term use digital and screen print applications.</p> | <p><b>OUTDOOR</b></p> <p>For signs &amp; displays destined for long-term outdoor exposure. Water-proof &amp; insect resistant. Available in smooth or wood grain finish. A great wood replacement.</p> | <p><b>NEW MULTI-LAYER PVC</b></p> <p>Combines scratch &amp; impact resistant solid PVC surfaces together with a light-weight foamed PVC core. Bright white, ultra smooth surface prints, cuts &amp; fabricates beautifully.</p> |
| COLORS                                                                                                                                                                                                   |                                                                                                                                                                                          |                                                                                                                                                                                                        |                                                                                                                                                                                                                                 |
| Bright White<br><i>and</i><br>Array of Colors                                                                                                                                                            | White                                                                                                                                                                                    | White                                                                                                                                                                                                  | Bright White Solid PVC<br>Surfaces w/Black<br>Foam PVC Core                                                                                                                                                                     |
| SURFACE FINISH                                                                                                                                                                                           |                                                                                                                                                                                          |                                                                                                                                                                                                        |                                                                                                                                                                                                                                 |
| Smooth<br><i>and</i><br>Wood Grain                                                                                                                                                                       | Smooth                                                                                                                                                                                   | Smooth<br><i>and</i><br>Wood Grain                                                                                                                                                                     | Ultra Smooth                                                                                                                                                                                                                    |
| THICKNESSES                                                                                                                                                                                              |                                                                                                                                                                                          |                                                                                                                                                                                                        |                                                                                                                                                                                                                                 |
| 0.040" – 0.984"                                                                                                                                                                                          | 0.118", 0.236"                                                                                                                                                                           | 0.5", 0.75", 1.0", 1.25"                                                                                                                                                                               | 0.078" – 0.394"                                                                                                                                                                                                                 |
| PANEL DIMENSIONS                                                                                                                                                                                         |                                                                                                                                                                                          |                                                                                                                                                                                                        |                                                                                                                                                                                                                                 |
| 4' x 8' <i>and</i> 10'<br>5' x 8' <i>and</i> 10'<br>80" x 120"                                                                                                                                           | 4' x 8'<br>5' x 10'                                                                                                                                                                      | 4' x 8'                                                                                                                                                                                                | 4' x 8'<br>5' x 10'                                                                                                                                                                                                             |



## Get Protection with EverClean™ Protective Film.

Digital print experts agree, an important best practice is to use a substrate that has a protective release film on one or both sides. Palight Premium Foam PVC is available with film on 1 side, 2 sides, or without film, in smooth or woodgrain texture, as well as black and other colors. Palight Outdoor and Palboard are all available with protective film 1 side.

| PALIGHT® PREMIUM                             | PALIGHT® EPS | PALIGHT® OUTDOOR       | PALBOARD™ MULTI-LAYER PVC |
|----------------------------------------------|--------------|------------------------|---------------------------|
| FOAM PVC                                     | FOAM PVC     | FOAM PVC               | SOLID PVC/FOAM PVC        |
| PROTECTIVE FILM                              |              |                        |                           |
| EverClean™ Film 1 Side or 2 sides or No Film | N/A          | EverClean™ Film 1 Side | EverClean™ Film 1 Side    |

### PERFORMANCE CHARACTERISTICS

| INK ADHESION                      |              |           |                       |
|-----------------------------------|--------------|-----------|-----------------------|
| Excellent                         | Very Good    | Very Good | Excellent             |
| FINGER NAIL SCRATCH / INDENTATION |              |           |                       |
| Very Good                         | Good         | Very Good | Excellent             |
| CUTTING / ROUTING                 |              |           |                       |
| Very Good                         | Good         | Good      | Very Good             |
| HOT BENDING                       |              |           |                       |
| Yes                               | Yes          | Yes       | Yes                   |
| COLD BENDING                      |              |           |                       |
| Very Limited                      | Very Limited | No        | Yes, with V-Cut Knife |

### Learn more about Palram's Broad Line of Opaque & Transparent Substrates



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