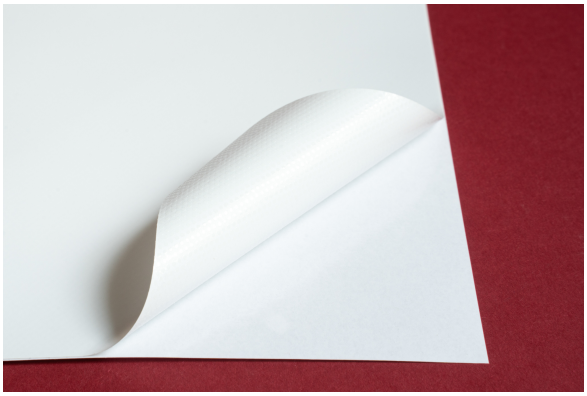
# DotFilm PET Clear 1300

High quality crystal clear PVC-free PET film coated with "dotted" glue for easy application. The glue dots assures easy application to flat surfaces and easy film removal afterwards leaving no residue of glue.



**End-use:** Short term indoor/outdoor applications: trade shows, event graphics, floor and wall graphics.

**Furnish:** Self-adhesive PET Clear film with permanent adhesive.

**Finish:** Clear.

**Ink compatibility:** Eco-solvent, Solvent, UV, latex.

## Technical Target Values

| Property | Units | Values | Test method |
|---|---|---|---|
| Grammage: face film / total | g/m2 | 105/ 220 | ISO 536 |
| Caliper: face film / total | µm | 75 / 175 | ISO 534 |
| Release liner thickness | µm | 100 | ISO 534 |
| Polyacrylate dispersion adhesive | ph | 7 | ASTM D907-19 |
| Peel Strength 20min. | gf/25mm | >1000 | ASTM D903 (180°) |
| Peel Strength 24 hours | gf/25mm | >1500 | ASTM D903 (180°) |
| Glossiness | scale units | <30 | Dr. Lange Gloss Meter, 20° |

| Certifications | |
|---|---|

## Ink compatibility

| Printing side | Compatible inks |
|---|---|
| Outside | Eco-solvent, solvent, UV and latex |
| Inside | Not printable |

## Available sizes

| Roll widths (mm) | Roll length (m) | Core (in) |
|---|---|---|
| 1370 | 50 | 3" |

## Pallet packaging information

| Packaging type | Roll length (m) | Number of rolls per pallet |
|---|---|---|
| Box | 50 | 24 |
| Pyramid | N/A | N/A |
| TIDY | N/A | N/A |

## Application (gluing) information

Before proceeding to finishing, please plan enough drying time of the print (24 hours is recommended) especially when printing with eco-solvent or solvent inks.
DotFilm PET Clear 1300 can be repositioned initially for comfortable application. The glue adhesiveness power becomes stronger afterwards like one of regular permanent adhesive.
Note, that only dry application can be used due to dot adhesive technology.
Removing the film from hot surfaces is not recommended because the adhesive may completely detach from the film and stay on the surface. Please allow the surface to cool prior to removal of the film.

## Tips & Tricks

Avoid stretching of the film when applying to the surface. This would minimize shrinkage of the film over time. DotFilm PET Clear 1300 has no "memory" and no stretchability than monomeric vinyls and will most likely have less effect of shrinkage, however.
Printing profiles with restricted amounts of ink is recommended to achieve the best printing results, especially when printing with eco-solvent inks.
If residue of the glue remain on the surface after film removal, they can be easily wiped-out using denatured alcohol.

# General storage information

Storage of the media is recommended in original packaging. In cool (10˚C-25˚C) and dry environment (30%-60% of relative humidity). Avoid storing media in areas that are subject to extreme temperature fluctuations, such as near windows or doors. High humidity (more than 60% of relative humidity) can cause the media to absorb moisture, which can affect its print quality.

If you plan to not print on the media for an extended period of time, it is always recommended to unload it from the printer. Storing unused media in the printer can cause it to absorb moisture, which can affect its print quality. By unloading the media and storing it in a proper environment, you can help to ensure that it maintains its quality and is ready for use when needed.

# Printing information

It is important to maintain appropriate temperatures and humidity levels in your printing environment to ensure optimal print quality. Temperature range of 18-24˚C and a humidity range of 40-60% are considered ideal for large format printing. Temperature range of 15-30˚C and a humidity range of 30-70% are considered critical and may possibly impact the printing quality.

Always use the right settings for the media. The best printing results are achieved when a special profile is created for the specific media being used. If you require assistance or have any questions, please do not hesitate to contact us.

Verify that the media is compatible with the printer and ink type intended to be used. Select the appropriate media profile. Using the correct media profile is essential for achieving optimal print quality. Please contact GM Media representative to help you out if needed.

# General handling information

### Unpacking

Carefully remove the media from its original packaging, taking care not to damage the edges or corners. Hold the media by the edges or wear gloves to prevent skin oils from transferring to the surface.

### Inspection

Inspect the media for any signs of damage or defects. This includes checking the edges, corners, and surface of the media for any cracks, tears, or scratches. If any damage or defects are found, do not load the media into the printer. Instead, set it aside and notify the appropriate personnel.

### Transporting/carrying

When transporting the media to the printer, handle it with care to prevent any damage or deformations. This includes avoiding dropping or bumping the media against any surfaces.
Hold the media by the edges or corners to prevent any smudging or scratching of the surface.
If the media is too large to be carried by hand, use a trolley or other appropriate equipment to transport it safely. Keep the media in a protective sleeve or packaging during transportation to prevent any dust or dirt from settling on the surface.