

Ferro Film PET 1300 - 190

190 micr., 100% PVC free, matt, white PET printable (resin coated) film with a black micro iron particle coating on the back side. It is designed to be used on a magnetic background as interchangeable media.

End-use: Interchangeable graphics and signs, exhibition, event graphics and signs.

Furnish: PET film, iron backing

Finish: Matt.

Ink compatibility: Eco-solvent, UV and latex.



Technical Target Values

Property	Units	Values	Test method
Grammage	g/m2	455	ISO 3801
Caliper	micr.	190	ISO 534
Service temperature	°C	-20 - +80	N / A
Cutting method	N / A	Cold	N / A

Certifications REACH compliant.

Ink compatibility

Printing side	Compatible inks
Outside	Eco-solvent, UV and latex.
Inside	not printable

Available sizes

Roll widths (mm)	Roll length (m)	Core (in)
1270	30	3"

Pallet packaging information

Packaging type	Roll length (m)	Number of rolls per pallet
Roll on pallet	30	24
N / A	N / A	N / A
N / A	N / A	N / A

Finishing and handling information

Before proceeding to finishing, please plan enough drying time of the print (24 hours is recommended) especially when printing with eco-solvent inks.

Ferro Film PET 1300 - 190 is very stable film. Therefore, use appropriate cutting tools and check the sharpness of the blades before proceeding of the cutting.

Lamination is optional, but is recommended for complete scratch resistance and longevity of the print. Only cold lamination is recommended.

Tips & Tricks

Always clean the magnetic base media before applying Ferro Film PET 1300 - 190.

2 layers of Ferro Film PET 1300 - 190 might be used in combination with Magnetic Base 1000 utilizing magnetic hold.

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.