

TECHNICAL DATA SHEET



FERRO Varnish PET White matt

| Item | Description | Specification |
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| Front Layer | Product Code | PET-FSV20 |
| | Type of Resin | Coated Poly-Ethylene Terephthalate (PET) |
| | Colour | White Standard |
| | Thicknesses - micron | 200 ± 10% (100my PET + 80my varnish + 25my coating) |
| | Widths - cm | 107 - 137 - 152 |
| | Printing surface finish | Matt |
| Physical Properties | Surface tension | ≥ 30 ÷ 34 dyne/cm |
| | Shrinkage | ≤ 0.8% |
| | Specific Gravity | 1.50 to 1.65 (300 ÷ 330 gsm) |
| | Flexibility | It can be wrapped around a rod with a 10mm radius at 20°C without cracking. |
| | Cutting | Scissors and knife can be used with ease, the same is for die-cutting and slitting . It is ideal for horizontal cutting plotter and for print-and-cut machines. |
| | Magnetic Receptivity (anchorage level) | 3,5 g/sqm (on 30 gr/cm ² 600 micron brown adhesive magnet) |
| Temperature Resistance | Installation temperature range | min. 5°C - max. 40°C |
| | End-use temperature range | - 20°C / + 80°C |
| | Short term resistance | 160°C |

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| Magnetic VisualComm Set | Important! Ferro Varnish Sheet PET can be overlapped up to 5 layers (up to 6 layers only if the surface is quite wide). It is one of the components of the set for the new market of Magnet VisualComm. Once printed, it can be applied on a surface of brown or white magnetic self-adhesive already stuck on a wall or panel, or on adhesive strips for quick demonstrations. |
| Applications | The use of Ferro Varnish Sheet PET, to be applied on magnetic surfaces, offers massive possibilities of application for the mounting, the quick replacement (zero times of removal) or the multiple overlapping during fashion shows, conferences, photographic services, advertising in shops and for teaching works. |
| Printing | Ferro Varnish Sheet PET enables an excellent printability and a perfect chromatic rendering with the following printing technologies: Offset: UV Curable inks Screen-Printing: light solvent and UV Curable inks. Flatbed Digital Printing: eco-solvent, UV Curable inks (you will get the best printing results when 12 picolitres print-heads - 8 steps) and Latex (tested on HP L26500 and HP Series 300). Notes: due to the wide variety of UV inks producers and digital printing machines, testing before printing is always recommended. We also recommend NOT to use strong solvent inks. Attention! When die-cutting full background printed magnet, or other materials, you would observe the rising of shape edges (ink evaporation is the cause of tension surface). |
| Safety Caution | Ferro Sheet PET portends a large development in the future thanks to the perfect color rendering of images and, especially, because it is a true eco-friendly product (totally PVC free). Complying with the Italian Decree-Law n. 133 issued on 14.09.2009 and published on the Italian Gazzetta Ufficiale, we inform that the product does not contain hazardous substances related to REACH (Registration Evaluation Authorization of Chemicals). It is, therefore, totally recyclable, no special precautions are required. |
| Storage Period | 12 months on the pallets within the box; no moisture. Under ordinary conditions at the mean temperature of 22°C (min. 10 °C, max. 35 °C) and relative humidity of 40-60%. |
| Notes | <i>Published information is based upon research and information which the Company believes to be reliable although such information does not constitute a warranty. Because of the variety of uses of the products and the continuing development of new applications, the purchaser should carefully consider the suitability and performance of the product for each intended use, and the purchaser shall assume all risks regarding such use. The seller shall not be liable for damages in excess of the purchase price of the product nor for incidental or consequential damages. All specifications are subject to changes without prior notice.</i> |