



Technical Data Sheet

MATT WHITE POLYESTER PD-MWP-REM

Matt White Polyester with a **Removable** Adhesive

A matt white polyester (PET) specifically designed for use on 'hot fuse' printer systems and Led-Toner. Some slight curl may occur on exiting the printer but this will flatten quickly. This material is ideal for high quality labels and tags, labels with high resolution barcodes and variable information labelling. Suitable for outdoor applications with good dimensional stability and ageing resistance.

Approvals:

The product meets the European Toy Regulation EN71/3:2013

Face: RoHS compliant

Face material properties

Grammage 78 gsm ± 4
Caliper (thickness) 58 microns ± 4

Adhesive

A water based emulsion removable adhesive, with good short and long term removability from most substrates including processed board, glass, steel and polyolefin films.

Application temp.	-5°C to 50°C	Peel adhesion	0.6 N/inch \pm 0.2 FINAT1
Operating temp.	-20°C to +60°C	Shear test	6h \pm 2 FINAT8
		Quick stick	0.7 N/inch \pm 0.2 FINAT9

Shelf Life and Storage Conditions

Two years from delivery date when stored at the following conditions:

- | | |
|--|---|
| <input type="checkbox"/> Temperature +5°C/+35°C | <input type="checkbox"/> Store away from heaters or direct sunlight or rain |
| <input type="checkbox"/> Relative Humidity 45% - 60% | <input type="checkbox"/> Keep the sheets flat |
| <input type="checkbox"/> Store in a cool dry place | <input type="checkbox"/> Store in the original packaging |

Backing

One side coated white kraft solventless silicon coated with good lay-flatness & stability characteristics.

Grammage 135 gsm ± 8 ISO 536
Caliper (thickness) 139 microns ± 9 ISO 534

Total Thickness of Construction 201 microns $\pm 7\%$ **Total Weight of Construction** 229gsm $\pm 6\%$

Printing tips: Allow material to acclimatize to ambient conditions in wrappers for at least 24hrs prior to printing. To reduce the risk of static, fan the sheets apart and place sheets separately onto the stack to increase the amount of air between the sheets. Always trial new materials to determine suitability for printing and application. Remember to use the correct thickness settings for this material. If the sheet is being fed face down and the run is interrupted for short periods, it is advisable to turn the top two sheets over so that the plastic face is on top which will help to prevent moisture absorption while the machine is idle. Replace unused material in the re-sealable bag provided.

Disclaimer:

All materials in the Perfect Digital range are manufactured to the highest quality standards and controls. Any material showing an evident manufacturing defect will be replaced promptly without charge. All statements, technical information and recommendations are based on industry standard tests procedures and practical experiences and believed to be reliable but do not constitute a guarantee or warranty. Preliminary tests are recommended for each new application. All information subject to change without notice