



QUALITA MAGNETICS LTD.

PRODUCT DATA SHEET

PRODUCT DESCRIPTION: Flexible Magnetic Sheeting with Matt White PVC Film

STANDARD THICKNESS¹: 0.4mm, 0.5mm, 0.6mm, 0.7mm (± 0.03 mm)

STANDARD WIDTH: 610mm (+3mm/-0)

STANDARD LENGTH: 30M, 40M (+0.5M/-0)

MAGNETIC PROPERTIES

Maximum Energy Product: 0.65 to 0.75 MGOe

Remanence: 1600-1900 G

Coercivity: 1200-1500 Oe

Intrinsic Coercivity: 2200-2500 Oe

MAGNETIC POLE WIDTH AND MAGNETIC PULL

Magnetic Pole Width: 2.0mm

<u>Magnetic Thickness</u>	<u>Magnetic Pull</u>
0.4mm	$\geq 15 \text{ g/cm}^2$
0.5mm	$\geq 29 \text{ g/cm}^2$
0.6mm	$\geq 32 \text{ g/cm}^2$
0.7mm	$\geq 36 \text{ g/cm}^2$

PHYSICAL PROPERTIES

Flexibility: can be wrapped around a rod with a 12mm radius at 20°C without cracking

Cutting: Scissor cutting, knife-cutting, die-cutting, and slitting can be done with ease.

TEMPERATURE RESISTANCE

End-use temperature range: - 20°C / + 50°C

Short term resistance: 65°C

BACKCOATING: The magnetic sheeting has a UV hardened coating on the magnetic side.



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PVC FILM

Outdoor Applications: Qualita understands that this PVC film can be used for outdoor applications but Qualita gives no guarantee to its durability. Exposure to severe humidity, ultra-violet light or conditions found in tropical, subtropical or desert regions will often cause a rapid deterioration.

Printability:

Screen Printing: Solvent-based Inks	Yes
Screen Printing: UV Cure Inks	Yes ²
Conventional Offset Printing: Solvent-based Inks	Yes
Large Format Digital Printer: Solvent-based inks	Yes
Large Format Digital Printer: UV Inks	Not guaranteed ³

Notes:

1. Thickness refers to magnetic thickness, PVC thickness is 0.1mm.
2. The surface of the PVC film has a dyne level of 34 only. UV inks requiring the substrate to have a dyne level above 34 will not be printable on this surface.
3. Users should do preliminary tests to confirm printability before production. Printing problems may occur on certain machines due to ink problems or other technical problems not to our knowledge.

IMPORTANT NOTICE

Published information concerning Qualita products 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 Qualita 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 change without prior notice.