

Chamberlain Plastics International Limited

Unit M, Bury Close, Higham Ferrers, Northamptonshire, England, NN10 8HQ.
Telephone: +44 (0) 1933 353875, Facsimile: +44 (0) 1933 410206.

PRODUCT DATA SHEET

Product: *'Dry Wipe' Metalon Laminates*

Scope

1. This data sheet outlines the requirement for a bi-laminate of dry wipe polyester film and pvc, or PETG suitable for decorative applications intended for interior use. The polyester film incorporates a special surface effect allowing ink from dry marker pens to be easily erased.

NB: Solvent based ink marker pens can have a negative, permanent effect and are not erasable. Suitable pens manufactured by Staedtler (Lumocolor) are recommended, and the user is advised to assess the suitability of the material for their own application.

Description

1. The polyester film is optically clear and coated on the face side with a dry wipe coating and is in a nominal thickness of 0.023mm.
2. The base film, when coded FNM, is a smooth grey plasticised vinyl in nominal thicknesses of 0.10mm, 0.15mm, 0.20mm.
3. When coded R800 and R801, the base film is a smooth clear, medium impact modified rigid vinyl in nominal thickness' of 0.15mm, 0.20mm and 0.30mm, or a smooth, white rigid vinyl in nominal thickness of 0.35mm.
4. When coded FNM4, the base film is a smooth white, plasticised vinyl designed for pressure sensitive adhesive applications in nominal thickness' of 0.10mm, 0.20mm and 0.30mm.
5. When coded FNM5, the base film is a smooth white, plasticised, fire retardant pvc achieving Class 0 when tested to BS476 parts 6/7, and available in nominal thickness of 0.10mm and 0.20mm.
6. When coded APET, the base film is a smooth clear PETG and is available in nominal thickness of 0.30mm.

Typical Characteristics

<i>Characteristic</i>	<i>Method</i>	<i>Value</i>
Tensile Strength.	ASTM D-882A	27.5 Kgf/mm ² (MD)
Elongation.	ASTM D-882A	50% (MD)
Polyester/PVC Adhesion.	Internal.	250N/m minimum.
Total Thickness	Internal.	Sum of the component films \pm 10%.
Dimensional Stability.	10 mins at 100c	3% maximum.
Shelf Life.		6 months from receipt when stored in conditions not exceeding 20c/50% relative humidity.
Dry Wipe	Internal EXPO pens	No ghosting with a dry cloth
Minimum roll length		30m
Maximum finished width		1380mm
Core id		76 or 152mm

Users of METALON film and laminates are recommended to consult Chamberlain Plastics International Limited Health and Safety literature.

Information contained in this publication is to the best of our knowledge accurate at the time of issue and is given in good faith, but we are unable to accept responsibility in respect to factors which are outside our knowledge and control. We assume the user assesses the suitability of the product for their particular application. The data relates only to the specified product and does not relate to use in combination with any other material or in any process.

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Ordering Information

To help us determine your order requirements correctly, please specify the following information, where applicable:

- Chamberlain Product Code and/or description consisting of:
Thickness of the base PVC e.g. 0.10mm Silver Polish FNM, 0.15mm Gold 23 Cut Bead R800;
Description/colour reference e.g. 0.10mm Silver Polish FNM, 0.15mm Gold 23 Cut Bead R800, 0.15mm Matt Gold FNM4. Please include the full shade description of Gold (Gold 22, Gold 23 etc);
Emboss e.g. 0.10mm Silver Polish FNM, 0.15mm Gold 23 Cut Bead R800;
Base PVC code e.g. 0.10mm Silver Polish FNM, 0.15mm Gold 23 Cut Bead R800;
Whether a print receptive topcoat is required e.g. 0.10mm Silver Hairline Polish FNM + TC200.
- Finished width;
- Finished length;
- Roll format (Bobbins, reels, sheets, tape packs etc);
- Core inside diameter (76mm or 152mm);
- Direction of winding e.g. (Gold face wound inside, or outside).

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