

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:

Horticultural Laminates

Scope

1. This data sheet outlines the requirement for a bi-laminate of metallised polyester film and PVC or clear, or white LDPE suitable for reflective enclosures in horticultural applications intended for interior use.

Description

1. The polyester film is evenly metallised on one side and in a nominal thickness of 0.012mm.
2. The base film, when coded FNM5, is a smooth white plasticised fire retardant vinyl in a nominal thickness of 0.10mm.
3. When coded LDPE, the base film is a smooth clear, low density polythene in a nominal thickness of 0.06mm, or a white low density polythene in a nominal thickness of 0.08mm.

Typical Characteristics

Characteristic	Method	Value
Adhesion.	Internal.	250 N/m minimum.
Total Thickness	Internal.	Sum of the component films \pm 10%.
Metal Density.	Supplier Data.	1.0 - 1.5 Ω /□
Specular Reflectivity.	Supplier Data.	64 - 65%
Total Reflectivity.	Supplier Data.	79 - 80%
Core Internal Diameter.		76mm.
Finished Width.		1400mm.
Shelf Life.		6 months from receipt when stored in conditions not exceeding 20c/50% r. h.

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).

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.