

Chamberlain Plastics International Limited

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PRODUCT DATA SHEET

Product:

DCR Coated Polyester Films

Scope

1. This data sheet outlines the requirement for a metallised polyester film suitable for lamination to PVC film intended for interior use.

Description

1. The polyester film is aluminium metallised on one side and in a nominal thickness of 0.012mm. The film may be dyed, matt or brushed (Hairline) to give different cosmetic and coloured effects. Silver NBS appears brighter than standard Silver.
2. The metallising is over coated with a vinyl heat seal lacquer, coded DCR, and is suitable for adhesion to rigid and flexible PVC's.

Typical Characteristics

Characteristic	Method	Value
Metal Density.	Internal.	1.0 – 1.5Ω/□
Coating Weight.	Internal.	2.0 – 3.5 g/m ²
Colour.	Minolta 508i Spectrophotometer	DE 5.0
Film Yield.	Internal.	19.0 – 21.0 g/m ² (47.6 – 52.6 m ² /Kg)
Heat-seal Softening Point.	Internal.	120 – 130c
Tensile Strength.	ASTM D-882A	21 Kg/mm ² (MD)
Elongation.	ASTM D-882A	130% (MD)
Dimensional Stability.	10 mins at 100c.	1.0% maximum
Shelf Life.		3 months from receipt when stored in conditions not exceeding 20c/50% relative humidity.

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.