

# 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:** *Pressure Sensitive Adhesive CP29*

### Scope

1. This data sheet outlines the requirement for a pressure sensitive adhesive applied to the reverse face of Metalon laminates and films.

### Description

1. The adhesive is a high shear, water based acrylic adhesive with excellent plasticiser resistance, U. V. resistance and elevated temperature performance.
2. The backing paper is a 70 gram, single sided white Kraft release paper.

### Typical Characteristics

| Characteristic             | Method                                    | Value  |
|----------------------------|---|--|
| Adhesion to Steel.         | Internal.<br><br>20 minutes.<br>24 hours. | 400 N/m<br>500 N/m   |
| Loop Tack to Steel.        | Internal.                                 | 300 N/m  |
| Shear.                     | Internal.<br>1Kg 25mm <sup>2</sup>        | 150 hours  |
| Service Temperature Range. | Internal.                                 | -15 to +70c  |
| Shelf Life.                |   | 6 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.  
Whether a pressure sensitive adhesive is required e.g. 0.10mm Silver Hairline Polish FNM + PSA.
- 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.