



# Technical Data Sheet

## DGCAL 3100 100 PT2D

### DESCRIPTION:

**100µ transparent monomeric PVC** (cadmium-free, calendered), with acrylic-based **permanent adhesive** and release liner.

### CHARACTERISTICS:

|   | TEST METHOD  | UNIT             | TYPICAL VALUES* |      |
|---|--------------|------------------|-----------------|------|
|   |              |                  | GLOSS           | MATT |
| Thickness of face film                                  | DIN 53370    | Micron           | 100             | 100  |
| Weight of face film                                     | ASTM E252    | g/m <sup>2</sup> | 130             | 121  |
| Gloss of face film (@ 60°)                              | ASTM D2457   | UB               | 80              | 10   |
| Liner: double coated Kraft white paper                  |              | g/m <sup>2</sup> | 125             | 125  |
| Initial adhesion, on stainless steel                    | FINAT FTM-1  | N/25mm           | 10              | 10   |
| Final adhesion, 24 hours, on stainless steel            | FINAT FTM-1  | N/25mm           | 12              | 12   |
| Dimensional stability (on stainless steel 150 x 100 mm) | FINAT FTM-14 | mm               | < 1             | < 1  |
| Durability (non printed), in upright position**         |              | Year             | 3               |      |
| Shelf life (15 °C to 25 °C and 40 % to 70 % R.H.)***    |              | Year             | 1               |      |
| Range of temperature for use                            |              | °C               | -20 to 70       |      |
| Range of temperature for application                    |              | °C               | 10 to 30        |      |

\*Typical values: average of values obtained from histograms of frequency lines.

\*\* The durability can change depending on the geographical area where materials are exposed due to climatic variations.

\*\*\* Durability in the original packing and in a dust-free environment.

### USAGE GUIDE AND RECOMMENDATIONS:

**DGCAL 3100 100 PT2D** is suitable for printing short term graphics for usage on flat surfaces. It is a multi-purpose vinyl recommended for (super) wide format printers using **solvent, eco-solvent, UV** and **Latex** inks. Because of its structure, it can also be used as an overlaminated film for other monomeric vinyls.

**DGCAL 3100 100 PT2D** is used for a wide range of promotional applications, including interior and exterior signs, window decoration or point of sale advertising. Application tests are recommended, due to the very wide range of existing substrates.

To improve appearance after printing and to protect applications from UV radiations and abrasion, **DGCAL 3100 100 PT2D** can be overlaminated with **DGCAL 4100**, available in either gloss or matt finish. Optimum drying time before proceeding with lamination is minimum 24 hours.

**DGCAL 3100 100 PT2D** is available in 50 linear meter rolls (3 inch core).

#### Warranty:

*DGCAL products are made following the strictest quality standards in order to comply with its design parameters, in the unlikely event of manufacturing defects, Filmtex undertakes to replace the material at no cost without assuming any additional expenditure for any other reason.*

*Our materials are marketed under these conditions and as such, should be understood as a part of the sale. The data presented in this sheet relates to samples analyzed by the methods described above. These results should be taken as a guide and not as a feature for designing, specification, or guarantee. We reserve the right to proceed with any change without previous notice. This information does not relieve the customer to verify their characteristics of the material for one specific application before its end use.*

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