



Technical Data Sheet

DGCAL 5100 70 PT1

DESCRIPTION:

70 μ transparent polymeric laminate with UV filter
(cadmium-free, calendered),
acrylic-based **permanent adhesive** and release liner.

CHARACTERISTICS:

	METHOD	UNIT	TYPICAL VALUES*	
			GLOSS	MATT
Thickness of face film	DIN 53370	Micron	70	70
Weight of face film	ASTM E252	g/m ²	94	94
Gloss of face film (@ 60°)	ASTM D2457	UB	80	10
Liner: one side coated Kraft white paper with DGCAL imprint		g/m ²	80	80
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
Durability (non printed), in upright position**		Year	5	
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 5100 70 PT1 is a plasticized lamination film for digitally printed images on polymeric vinyls.

The lamination film provides an attractive gloss or matt finish and protects images from scratches, UV radiation, stains, etc. **DGCAL 5100 70 PT1** increases the durability of printed graphics. It is meant for application on flat and slightly curved surfaces. It is suitable for indoor and medium term outdoor use (outdoor durability depends upon processing and exposure conditions).

DGCAL 5100 70 PT1 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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