

DGCal Digital Print Etch Film

product specification

DGCal Digital Print Etch Film is made of a semi-opaque polymeric PVC film, Cadmium free, with medium metal spark. The adhesive is a permanent acrylic type, with a siliconized Kraft paper to offer optimum result in plotter machines.

user guide and applications

This self adhesive vinyl is easy to cut and apply and is perfect for adding privacy, security and elegance to a number of environments. DGCal Digital Print Etch Film is suitable for printing medium term graphics on flat and slightly curved surfaces, is a multi-purpose Metal Spark Matte vinyl recommended for (super) wide format printers, using solvent, eco-solvent, UV and Latex inks. It also has excellent dimensional stability.

- Indoor and outdoor use
- Durable promotional applications
- Point of sale advertising
- Window decoration
- Vehicle graphics (flat and slightly curved surfaces)
- Ideal for digital printing

specification

Characteristics	Test method	Unit	Typical values*
Thickness	DIN 53370	Microns	80
Weight	ASTM E252	g/m ²	255
Gloss, 60°	ASTM D2457	UB	20
Opacity	UltraScan - X	%	37
Initial adhesion, on stainless steel	FINAT FTM-1	N/25mm	10
Final adhesion, 24 hours on stainless steel	FINAT FTM-1	N/25mm	14
Dimensional stability, 70°C, 48 hours on aluminium plate	FINAT FTM-14	mm	< 0.5
Durability, non-printed, in an upright position**	-	Years	6
SHELF LIFE, 15°C to 25°C and 40% to 70% R.H.)***	-	Years	2
RANGE OF TEMPERATURE FOR USE	-	°C	-20 to 35
RANGE OF TEMPERATURE FOR APPLICATION	-	°C	10 to 30
INFLAMMABLE TEST GM9070 - P, onto aluminium plate "zone A"****	GM9070-P	N/A	NOT FLAMMABLE

* 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, in vertical position and in a dust-free environment.

**** Sample does not show any flame after 15 seconds of ignition.

permanent adhesive

polymeric PVC film

for indoor and outdoor use

printable

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Adherence to room temperature	(23 ± 2) °C
Galvanised sheet - metal	E
Polystyrene sheet	E
Acrylic sheet	E
Stainless steel	E
Glass	E
Paperboard	B

E: Excellent **B:** Good **R:** Regular **NA:** Not applicable

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.

At the end of the useful life should be treated as a hazardous waste to prevent environmental impacts to soil or water sources.