

**NEW
COUNTERFEITING
PROTECTION
FILM**

**Empower your
magenta laser
personalisation**



PETix™ CPF

COUNTERFEITING PROTECTION FILM

Create the ultimate security solution

PETix™ CPF is a transparent film designed to create a first level security solution in combination with the PETix™ PETF OLED MAGENTA. By using this additional film a second laser personalisation (counterfeiting) will turn into black and not into magenta. This attempt to counterfeit will be easily visible to the market without the need for extra tooling.

I. Typical properties

PROPERTY	UNIT	VALUE	TEST METHOD
Dimensions			
Thickness	µm	92	
Tolerance	%	5	
Squareness	mm/m	< 1,2	Internal Agfa method
Optical			
Texture side 1 (away from core)		glossy	
Texture side 2 (towards core)	%	matt	
Surface Quality		No dust / fibers No scratches No contamination	
Physical			
Density	g/cm ³	1,3	

2. Application information

PROPERTY	UNIT	VALUE	RECOMMENDATION
Printing			
Offset printing recommendation		Wet or dry offset UV curable inks	Apollo Colors, Sicpa
Screen printing recommendation		IR drying	Sicpa
Other printing recommendation		Indigo	On customized versions only
Lamination			
Lamination temperature recommended range	°C	110-180	110 - 130
Lamination pressure recommended range	N/cm ²	40-250	
Lamination materials		PVC, PETG	Can be laminated against printed PVC core films. Lamination against PETG core films will result in extremely durable cards exceeding all applicable ISO specifications.
Storage and Shelf life			
Storage conditions: temperature	°C	15-25	
relative humidity	%	50-60	
Shelf life	months	12	

3. Assortment

The material is available in roll form or cut sheets. Please specify the sheet size with your order.

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PETix™

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PETix CPF GB 2151005

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