

DIGITAL FOILER VIOLET 14 μ

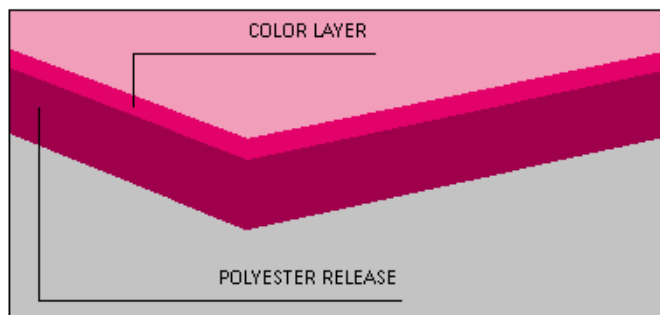
Film for digital foiling (sleeking) applications which provides a spot colored metal finishing to digitally printed cardboards. The optical result is very bright and appealing.

Digital foiler is specifically designed for transfer on toner *. It also grants excellent performance on screen printing and UV digital coating **. The film is available in various colors.

Applications: photo books, covers, business cards, calendars, gift cards, boxes, leaflets, brochures.

Product code: FDV014

Update: November 2020



TECHNICAL FEATURES

PHYSICAL PROPERTIES	TEST METHOD	UNIT	VALUE
Total thickness	Internal	micron (μm)	14
Release layer	Internal	micron (μm)	<1
Adhesive layer	Internal	micron (μm)	1-2
Grammage	Internal	g/m ²	18±0,5

OPTICAL PROPERTIES	TEST METHOD	UNIT	VALUE
Optical density - metal	Internal	OD	1,9-2,0

THERMAL PROPERTIES	TEST METHOD	UNIT	VALUE	
Heat shrinkage 150°C 30 min	MD	ASTM D 1204	%	2,5 ±0,5%
	TD			1,5±0,5%

OPERATING CONDITIONS	TEST METHOD	UNIT	VALUE
Lamination temperature (to be checked according to lamination conditions)	Internal	°C	105-130
Lamination speed	Internal	Step	LOW
Lamination pressure	Internal	MPa	0,3-0,6

*When used on toner it is advisable to print in gray scale and with maximum toner density. We recommend the use of our VELOUR lamination film range.

** Preliminary tests are recommended with screen printing and UV digital coating.

Storage: store in a dry and clean place far from heat sources and humidity (max 30°C and 55% of relative humidity). Do not expose rolls to direct sunlight. Protect the partially used rolls and keep a high stock rotation. The film should be allowed to reach operating room temperature 24 hours before use.

Note: trial tests are recommended before proceeding with full production run so as to verify the suitability of the product for its specific application. Verify the compatibility of the film with inks and adhesives. Please visit our web site for more details.

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