

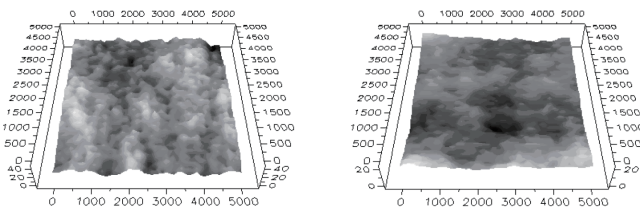
Good printability and texture tend to be mutually exclusive, but VENT NOUVEAU's Rough Gloss® products achieve high levels of both characteristics, creating a new genre of high-quality printing paper. VENT NOUVEAU LT-FS is a new product optimized for HP Indigo digital printing. It possesses the properties required for digital printing while providing VENT NOUVEAU's characteristic rough feel with gloss close to that available from offset printing.

## VENT NOUVEAU's rough feel

Achieving VENT NOUVEAU's distinctive rough feel with HP Indigo digital printing.

VENT NOUVEAU LT-FS

Matte coated paper

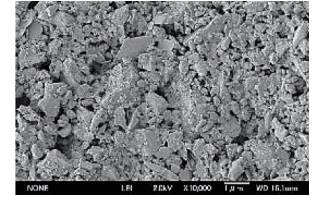
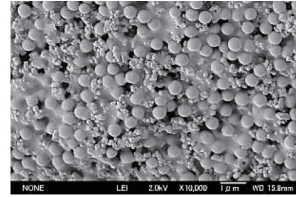


## Providing both texture and printability

Uses hollow sphere organic pigments to achieve both texture and printability with light, uniform particles.

VENT NOUVEAU LT-FS

Matte coated paper



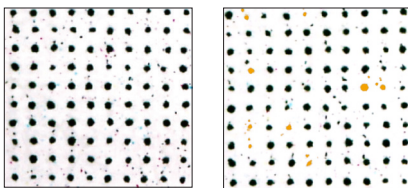
Improves the transfer of ink to paper through the use of spherical organic pigments with fine inorganic fillers embedded in the gaps.

Uses inorganic fillers of different sizes to reflect light diffusely. Rougher surface than VENT NOUVEAU LT-FS.

## Better halftone reproducibility and printing density

A specially treated surface provides even better printability with digital printing than VENTNOUVEAU V-FS. No primer required before printing.

Halftone reproducibility



**Left :** VENT NOUVEAU LT-FS  
Most halftone dots clearly reproduced.  
**Right :** Matte coated paper  
Some halftone dots not fully reproduced. (Indicated by ●.)

\* Paper manufacturer's study (visual inspection of HP Indigo 12000HD 220lpi K:10% halftone dots)

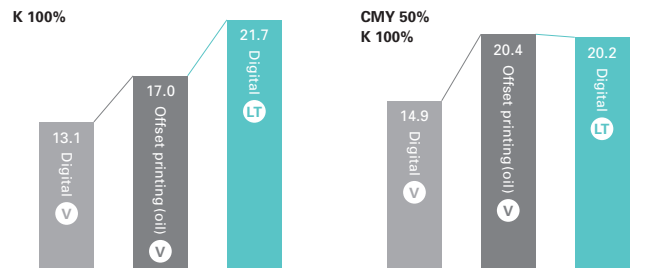
Printing density

With primer		Without primer	
Matte coat A	1.74	Matte coat A	1.71
V-FS	1.75	V-FS	1.68
LT-FS	1.78	LT-FS	1.74

HP Indigo 12000 reflection density, K:100%

## Glossiness of the printed area

Providing glossiness approaching offset printing with digital printing, bringing out the distinct gloss of the VENT NOUVEAU series.



Brand	Printing method	K 100%	CMY 50% K 100%
VENT NOUVEAU V-FS	Digital printing	13.1	14.9
VENT NOUVEAU V-FS	Offset printing (oil-based)	17.0	20.4
VENT NOUVEAU LT-FS	Digital printing	21.7	20.2

Print gloss figures using HP Indigo 7900 digital press (without primer).

## Low dirt count / Fast drying

Dirt count reduced to at least 1/30\*1 of count for matte coated paper. Ink drying time for digital printing reduced to about 1/4\*2 of time for VENT NOUVEAU V-FS.

\*1: Visual inspection of both sides of 500 sheets of 1091x788mm paper in paper manufacturer's study.

\*2: Results of tape peel test in paper manufacturer's study (without primer).

## Seamlessly integrates offset and digital printing

VENT NOUVEAU LT-FS can also be used for standard offset printing. For example, offset printing could be used for the first edition of a book, but digital printing for subsequent short-lot and medium-lot printing.

## FSC®-certified paper

The VENT NOUVEAU series is FSC-certified paper.

FSC-certified paper is manufactured using wood and recycled materials from forests certified under a scheme incorporating evaluation to ensure that forest management is appropriate for protecting the ecosystem and preserving the natural environment, and other raw materials from managed supply sources.



## Specifications

HP Indigo-certified paper (certified Nov. 2020)

Certified for HP Indigo

VENT NOUVEAU LT-FS	122.1	151.2	174.5	226.8g/m <sup>2</sup>	
1091x788mm S/G	105	130	150	195kg	1color
642x942mm L/G	74	91.5	105.5	137kg	1color
942x642mm S/G	74	91.5	105.5	137kg	1color