



PRODUCT INFORMATION

BoFood Next Generation Series

Migration harmless – Intensive Series

The BoFood Next Generation is an offset series especially conceived for the safe printing of the non-food contact side of primary food packaging.

This series provides color wise utmost security for the printer as well as for the end-user and in this regard is superior to all other offset inks.

The series BoFood Next Generation color wise meets the three technical requirements for food packaging: Scent reduced, swelling reduced, migration reduced/harmless

In order to meet the special typographical requirements of the high-quality packaging print, the approved series BoFood MH now is available in an intensive version, the BoFood Next Generation.

In regard to the compliance with the legal requirements the series BoFood Next Generation at all points conforms to the series BoFood MH.

BoFood Next Generation inks are migration harmless as the absorbing and therefore potential migrating components are foodstuffs or food additives.

This means that BoFood Next Generation inks compared to conventional systems show absorption and consequently a physical drying and thus are clearly superior to classic migration harmless systems.

Moreover, the BoFood Next Generation inks comply with all legal requirements. The color wise warranted guarantee goes from the packaging to the consumer.

The requirement of low odor demands binding agents which do not comply with the common demands for rub resistance. For this reason, a dispersion varnishing is absolutely necessary for all print jobs processed with the BoFood Next Generation.

These inks are formulated for the printing of the outer face (i.e. the far side of the foodstuffs).

Focus of the application is the printing of packaging, especially primary packaging for flavor sensitive filling

PACKAGING PRINTING INKS
BOFOODNEXTGENERATIONSERIES

PROPERTIES

Low odor:	yes
Swelling reduced:	yes
Migration harmless:	yes

Due to these properties all requirements towards total migration (< 60 ppm) as well as towards the specific migration (<10 ppb) for non-evaluated substances product wise can be fulfilled. A functional barrier in order to comply with the legal requirements of the regulation 1935/2004 EG is product wise not necessary.

Mineral oil free:	yes
Absorption:	yes
Primary food packaging:	appropriate
Dispersion varnishing:	necessary

Compliance with 1935/2004 EG

The confirmation of an independent institute in regard to the compliance of printing with BoFood MH inks is available.

FASTNESSES

	Item no.	light	transp	spirit	nitro	alcali
BoFood Next Generation Yellow	107385	5	+	+	+	+
BoFood Next Generation Magenta	107386	5	+	+	+	-
BoFood Next Generation Cyan	107387	8	+	+	+	+
BoFood Next Generation Black	107388	8	-	+	+	+

Heat resistant :

BoFood Next Generation Yellow	105395	6	+	+	+	+
BoFood Next Generation Magenta	105396	6	+	+	+	+

+ property given

- property not given

Highly concentrated mono pigmented mixing system

For the spot colors required in the packaging industry a highly concentrated mono pigmented mixing

system with 15 basic inks (-> color chart) is available.

This technical instruction sheet is designed for your information and reference. It is based on and conforms to our current knowledge. However as actual application is affected by many factors over which we have no control, we are not liable for printing failures.