

INKREDIBLE®

PACKAGING PLUS®

For printing on wide-format presses, at high speeds with vibrant results on more economic substrates – mineral oil-free

PACKAGING PLUS inks offer unparalleled productivity in your pressroom and are based on the hubergroup renewable raw materials. Highly transparent and pure pigments enable to satisfy the specifications of ISO 2846-1 and/or ISO 12647-2, as well as a low tonal value spread between the four process colors, guaranteeing a neutral grey balance in the production run.

Range of applications

PACKAGING PLUS series is specifically designed to satisfy high color reproduction, fast press speeds and smooth lay for large solids with good dot definition on wide-format presses and lower grade substrates. Finishing with an aqueous or UV coating is recommended. PACKAGING PLUS process series provides the best quality and commercial value in packaging printing on paper and board. It is a low-tack product allowing for printing on more economic substrates with surfaces prone to picking and linting. The series combines fast setting, high gloss and smooth lay with a mineral oil-free formulation and a 70% bio-renewable content. These attributes make it the perfect match for today's ecological and economical demands in the packaging environment.

This printing ink series is not specifically formulated to ensure low migration.

This ink series is suitable for manufacturing secondary food packaging if a suitable barrier is in place to prevent the transfer of constituents from the ink film to the packed foodstuff (by means of migration or invisible set-off).

For food packaging without a suitable barrier, we recommend the use of our specially formulated, low-migration MGA printing inks.

Properties

PACKAGING PLUS		Fastness properties per ISO 12040 / ISO 2836				Tack**
		Light BWS	Alcohol	Solvent mixture	Alkali	
Yellow	41 PK 350	5	+	+	+	8.0 - 9.5
Magenta	42 PK 350	5	+	+	-*	9.5 - 11.0
Cyan	43 PK 350	8	+	+	+	10.0 - 11.5
Black	49 PK 350	8	+	+	+	9.0 - 10.5
Black toned	49 PK 3501	8	+	+	+	9.0 - 10.5

Laserable, UV-coatable

*) not suitable for posters

**) 800 rpm, 32°C

- Cobalt-free
- Ideally suited for wide-format presses in the packaging industry
- Low tack
- Color shades in compliance with ISO 2846-1 and 12647-2
- Neutral grey balance
- High fountain solution tolerance
- Immediate adjustment of a stable ink/water balance
- Excellent stability in the production run.
- Duct fresh

Gloss	low		very high
Rub resistance	moderate		very good
Dot sharpness	low		high
Setting	slow		very rapid
Post print finishing	slow		very rapid
Perfecting	limited		compatible

Printing auxiliaries

PACKAGING PLUS process inks are supplied ready to use. Should it become necessary, under exceptional circumstances, to adapt the process inks to special printing conditions, auxiliaries should be used which are compatible with the highly developed vehicle system.

- for reducing tack with substrates that are susceptible to picking **MGA THIXOPRINT 10MGA9998**
- for accelerating oxidative drying **max. 1,5% INK ACTIVE DRIER MGA 10ML5002**

Classification

According to the Ordinance on Hazardous Substances: none

According to the Regulation of Flammable Liquids: none

Material Safety Data Sheet available on request. Please refer to the contact of your local supplier.

Packaging

Vacuum-sealed cans	2.5 kg	5.5 lb
Cartridges	2 kg, 3.5 kg	4.4 lb, 7.7 lb
Metal drums	200 kg	440 lb

