

## ALPHA Plus Black AP3671

The especially duct-fresh sheet-fed offset process ink series based on renewable raw materials - mineral oil- and cobalt-free

ALPHA Plus AP3671 is the especially duct-fresh sheet-fed offset process Black from **huber**group.

With our cobalt- and mineral oil-free series we are already accounting for future European aspirations today.

### Range of Applications







ALPHA Plus AP3671 is particularly suitable for jobs on coated substrates, when the demand on rub-resistance of the printed ink is high. It also produces outstanding results on all other grades of absorbent substrate. Due to the formula with focus on stay-fresh properties, ALPHA Plus AP3671 may provide a slower drying behaviour on the printed sheet.

This printing ink is formulated mineral oil free, but is not of the "low-migration" type. It is not recommended for the manufacture of food packaging.

### Properties

ALPHA Plus		Fastness properties according to ISO 12040 / ISO 2836			
		Light BWS	Alcohol	Solvent mixture	Alkali
<b>Black<sup>2</sup></b>	<b>49 AP 3671</b>	8	-	-	+
<sup>1</sup> varnish solvent fast		<sup>2</sup> alkali blue toned		* not suitable for posters	

- extended stay-fresh properties with still good drying
- good stackability with minimal demand for spray powder
- colour shades in compliance with ISO 2846-1
- perfectly fit for print production according to ISO 12647-2
- high fountain solution tolerance
- ideally suited to IPA-free printing
- cobalt free

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

## Printing auxiliaries

Should it under exceptional circumstances become necessary to adapt the process inks to special conditions, auxiliaries should be used which are compatible with the highly developed vehicle system:

- for reducing tack with substrates that are susceptible to picking 2-3% **Print Oil 10 T 1405**
- for accelerating oxidative drying **MONSUN 10 T 7265**

## Classification

According to the Ordinance on Hazardous Substances: none

According to the Ordinance on Flammable Liquids: none

Safety data sheet available on request.