

UV curable inkjet inks

# :Anapurna M inks



## ***:Anapurna inks: specially designed for Agfa's :Anapurna wide format printers***

The :Anapurna M piezoelectric UV curable inkjet inks are stable, allow fast curing and are easy to handle. The excellent jetting performance and good adhesion on a wide variety of substrates enable a wide range of applications.

The high image quality, vibrant colors and perfect edge sharpness combined with good outdoor light stability guarantee heavy duty industrial, photorealistic printing results.

# :Anapurna M



## :Anapurna wide format inkjet printers

:Anapurna M inks have been specially designed for use in Agfa's :Anapurna M wide format inkjet printers. This industrial inkjet printer is equipped with Konica Minolta KM512 MN print heads (14 picoliter drop volume) and delivers photorealistic prints.

## Products

Ink	Standard packaging size
:Anapurna M CYAN G1 ink	2 X 1 L
:Anapurna M CYAN LIGHT G1 ink	2 X 1 L
:Anapurna M MAGENTA G1 ink	2 X 1 L
:Anapurna M MAGENTA LIGHT G1 ink	2 X 1 L
:Anapurna M YELLOW G1 ink	2 X 1 L
:Anapurna M BLACK G1 ink	2 X 1 L
:Anapurna M flushing solution G1	2 X 1 L

Inks are packed in black, easy to handle 1L HDPE bottles.

## Characteristics

:Anapurna M inks have excellent ink characteristics which result in outstanding print quality

- Long shelf life (18 months)
- Optimal jetting behavior in combination with Konica Minolta KM512 MN print heads
- Fast curing resulting in high productivity
- Large color gamut
- Sharp vibrant colors for indoor and outdoor applications
- Good fade resistance as well as good chemical and abrasion resistance
- Low odour
- Good adhesion on a wide variety of rigid and flexible, coated and uncoated substrates, such as:
  - Dibond (coated aluminum composite panel)
  - banner materials such as canvas and vinyls
  - Forex PVC sheet
  - corrugated cardboard

## Ink properties

Jetting viscosity:	10 - 15 mPas at an operating temperature of 40°C
Surface tension:	21 - 25 mN/m

## Storage and transport conditions

:Anapurna M inks have to be stored between 4-24°C. Temperature during transportation should always remain below 25°C. Exposure to light (especially direct sunlight), higher humidity and/or temperature can affect the product performance. It is advised to keep the ink in the sealed and closed bottle inside the cardboard box until usage. When adding new ink to the machine, do add the whole content of the bottle.

## Shelf life

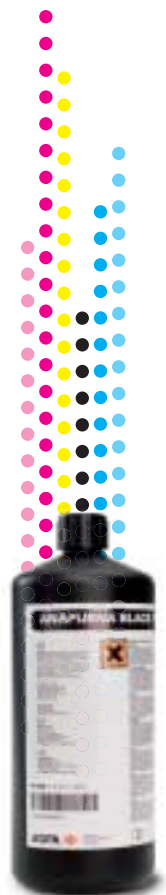
The :Anapurna M inks have a shelf life of 18 months from the date of manufacturing if continuously transported and stored between 4°C and 24°C in the original, closed bottles. On the bottle the expiry date of the inks is mentioned.

## Outdoor durability

:Anapurna M inks have been formulated based on the highest quality pigments. This ensures high fade resistance for long-term outdoor applications. Accelerated weathering tests on different substrates indicate an outdoor durability is more than 2 years under Western European outdoor conditions. In case the images are subjected to extreme outdoor conditions (like desert climate), we advise to laminate or coat the images with a UV-protective layer.

## Safety and handling

The :Anapurna M inks have been developed in accordance with Agfa's environmental policy and responsibility for its products. The ingredients used in these UV curable inks have been specifically selected to have low toxicity and can be safely handled as long as routine precautions are taken. For information on ingredients as well as on recommendations or information on environmental, health and safety issues, we refer to the Material Safety Data Sheets (MSDS) of these inks.



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If you would like to receive more information about certain products, systems or tailor-made solutions, please go to [www.agfa.com/graphics/contact](http://www.agfa.com/graphics/contact).

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