

DATASHEET:

# DURALINK PIGMENT INKS

Excellent image quality



## LONG-LIFE AND BROAD MEDIA COMPATIBILITY

Custom polymers (dispersants), designed for printhead long-life and broad media compatibility, are combined with base colors to produce the pigment dispersion. The particle size is controlled during dispersion to optimize color properties, fade resistance, and good jet-ability from the printhead. Advanced purification is used to support Memjet's small drop size and fluidic structure. The pigment is combined with the ink vehicle, including co-solvent and surfactant packages, additives, and water to provide the optimum balance of printhead life, speed, and print quality.

## High Print Quality with Image Durability and Printhead Reliability

The standard DuraLink ink set provides competitive gamut and image quality on a range of uncoated papers, and inkjet treated and inkjet coated media for commercial printing, industrial printing and packaging applications. Custom colors can be developed by special arrangement.

## Water Fastness and Fade Resistance

Prints with DuraLink inks are water fast and have excellent fade resistance - two key reasons for choosing pigment inks for applications where it matters most. Memjet conducted tests with DuraLink inks to evaluate indoor light fade. Using the Wilhelm Imaging Research (WIR) method of accelerated testing, colors are still vibrant after 40 years, compared to an un-exposed original print. Accelerated testing for ozone fade showed 25+ years.

## Media Compatibility

DuraLink pigment inks are compatible with media commonly used in inkjet presses:

- Plain papers (bond, uncoated offset)
- Inkjet treated uncoated papers
- Inkjet coated media

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Memjet-powered printers are sold only through authorized Memjet partners. For more information on OEM partners, or how to become an OEM partner, please visit [memjet.com](http://memjet.com)

## PIGMENT INKS MAIN FEATURES

- Durability, water fastness, and fade resistance
- Competitive gamut with leading inkjet solutions
- Comprised of more than 70% water, DuraLink inks are safe to use and friendlier to the environment than UV, solvent, or liquid toner inks

**DURALINK**

BY MEMJET®



## DURALINK PIGMENT INKS

At the time of publication, Memjet has already tested over 40 media from more than 10 manufacturers with DuraLink pigment inks, and the compatibility testing continues. Compatibility with media is expected to extend to media used in a variety of packaging applications, as well as on some special media, such as coated films and label stock.

### Gamut

DuraLink pigment inks provide competitive gamut - among the widest in the market, competitive with leading inkjet solutions - especially when printed on inkjet coated media.

### Ink Safety and Environmental Friendliness

With a formulation comprised of over 70% water, Memjet DuraLink inks are safe to use and are friendlier to the environment than UV, solvent, or liquid toner inks. The formulations do not contain any SVHCs (Substances of Very High Concern per REACH) or toxic metals as regulated by RoHS.

## TECHNICAL SPECIFICATIONS

Ink Type:	Aqueous pigment inks
Colors:	Cyan, Magenta, Yellow, Black. Custom colors developed by special arrangement
Media:	Compatible with inkjet media- plain (bond, uncoated offset), inkjet treated uncoated media, inkjet coated media

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