



Technical Data Sheet (TDS)

EDEN PG MV® Pigment Ink for Textile

Product Description:

EDEN PG MV water based pigment Ink is ideal for high-speed direct digital printing on all standard fabrics available on the market. The ink prints on all types of fabrics with equal quality and coverage without color shifts or patches.

EDEN PG MV Pigment Ink may be used on cotton, cotton blends, polyester, polyamide (nylon) and treated & untreated fabrics.

EDEN PG MV is ideal for a wide range of applications including sportswear, footwear, fashion, home décor and home textile and is designed for indoor and outdoor applications.

This ink is manufactured using cutting edge technology and high-performance pigments, for optimal ink fluidity and printability through piezo printheads without bleeding or migration.

Compatible Print Head Technology:

Ricoh Gen 4 & Gen 5 Industrial print heads based printers.

Product Line:



Material Compatibility:

- Cotton
- Viscose
- Polyester
- Lycra
- Silk
- Polyamide
- Leather
- Synthetic leather

All blended fabrics, synthetic and natural

Applications:



- Home textile
- Décor
- Footwear
- Bags
- Sport apparel
- Indoor furnishing
- Fashion & apparel

Pre-treatment:

The use of Bordeaux EDEN PG™ OS® (pretreatment liquid) is recommended in order to achieve higher chemical attributes (see table below for comparison). The pretreatment process for fabrics is done offline using a standard textile padder.

Print procedure:

The printing process can be done either inline or in individual segments. Inline printing allows the printed fabric to be fed through a standard textile dryer directly. Alternatively, if the printing stage is separated from the drying stage, drying is required before rolling the fabric.

Drying Working Parameters:

Recommended drying time: 3 minutes

Recommended temperature: 150°C (302°F)

Post-treatment:

No chemical post treatment is needed. The fabric is ready for production once dried according to the above standard.

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Technical properties:

Test:	Test description	Test results	
		100% Polyester	100% Cotton
ISO 105-C06 60°C	Washability - Color fastness after 1 washing cycle, 60°C	5	4-5
ISO 105-B02	Color fastness to light	7	8
ISO 105-X12	Color fastness to Dry rub	4	4-5
ISO 105-E04	Color fastness perspiration	5	5
ISO 105-E03	Color fastness in Chlorinated water	4-5	4-5

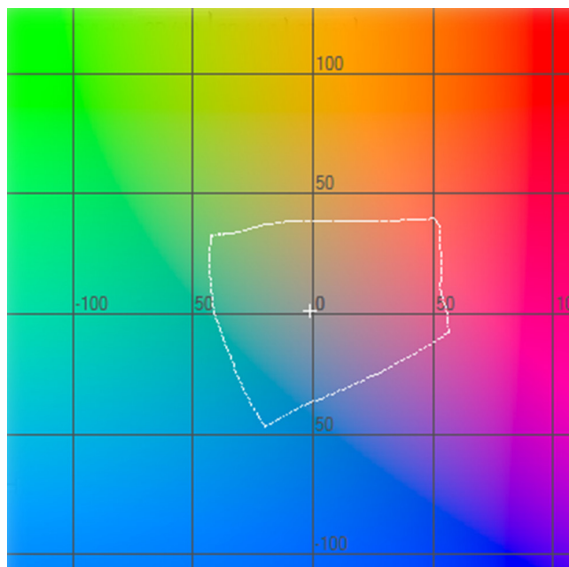


EDEN PG MV has received GOTS certification

Advantages:

- Produces exceptional results with the industry's largest color gamut
- Creates a durable chemical bond with the fabrics for excellent wear and wash resistance
- Vibrant and bright colors
- Long shelf-life
- Low maintenance operation

Color gamut:



Shelf Life:

All colors and cleaning liquid solution have a shelf life of 12 months from the date of manufacturing.

Storage Conditions:

Store tightly covered at temperatures between 10°C to 30°C and relative humidity between 25% to 70%.

Shipping and Handling:

All personnel handling these products must wear gloves and eye protection. After use, wash hands with soap and water. Should ink come in contact with clothes, remove clothing to avoid prolonged skin exposure. Should ink come in contact with skin, wipe off with a clean, dry absorbent cloth and wash area with soap and water. For additional safety data, please refer to SDS.

Bordeaux Warranty Program:

The user must refer to Bordeaux warranty program and liability <http://www.c-m-y-k.com>

Disclaimer: It is clarified that the specifications, instructions and other information included in this Technical Data Sheet ("TDS"), including without limitation with regard to storage, use and installation of the products referred to herein ("the Products"), constitutes the sole specifications, instructions and other information that apply with respect to the Products, and supersedes any other communications, representations and warranties ("Representations"), whether written, oral, or otherwise with respect to the Products, and no such Representations, provided or to be provided in any form other than in this TDS or in a replacing or supplementary TDS issued by Bordeaux Digital Printink ("Bordeaux"), is to be relied upon or referred to and same will not obligate any distributor of the Products or Bordeaux.

It is also clarified that despite of high color gamut compatibility in laboratory conditions the human eye might detect color variations, on certain media types, in specific light conditions. Without derogating from the above, Bordeaux and any distributor of the products shall not be liable to any loss or damage, including such loss or damage to any third party, caused by any use of the Products which is inappropriate or which is otherwise than in accordance with instruction for the use of the Products in this TDS or in a replacing or supplementary TDS issued by Bordeaux. In any event, Bordeaux liability is limited to the price of the Products or the cost of replacing such Products and Bordeaux is not, in any event, liable to any other loss or damage, including consequential damages.

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