



PeractoJet Ink for digital printing on fabrics

No pre- or post-treatment of fabrics required.

High-performance ink set for single-pass or multi-pass printing. Water-based pigmented inks for textile printing.

Eco Passport by Oeko-Tex[®]

Peracto Technology (patented):

PeractoJet inks contain nano-sized dye particles, which easily penetrate textile substrates and hence colorize the surface and subsurface completely.

When heating the textile to 140°C, PeractoJet inks form a long chain molecule that attaches to these nano-sized dye particles and binds them to the textile substrate. In addition, the long chain molecule is chemically connected to the textile.

Once fixation is complete, the pigments are permanently attached to the textile substrate. The bond is both mechanical and chemical, effective on various textile materials and blends.

One single ink type can be used for all fabrics. Pre- or post-treatment of the fabrics is not required.

Fields of use:

- Suitable for all uncoated kind of textiles (Polyamide, Polyester, Cotton and Blends), narrow and wide as well as rigid and elastic fabrics
- Suitable for single-pass or multi-pass printing
- Available in different viscosities for all standard printing heads
- Standard colors CMYK.
Red, Violet, Orange, Grey, White also available.

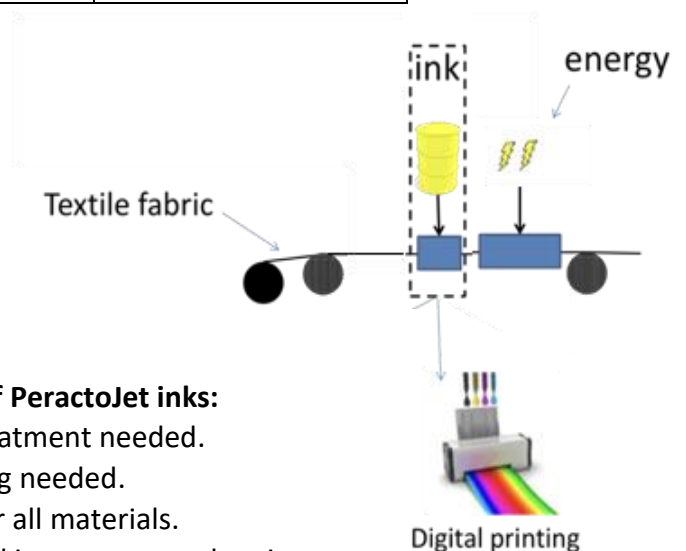
Safety information:

Material Safety Data Sheets for PeractoJet inks are available according to EC regulation 1907/2006. Including all relevant safety data and labelling according to present EC regulations as well as to health and safety labelling requirements.

Technical specifications:

For all colors	PeractoJet 100	PeractoJet 200	PeractoJet 400
Viscosity (at a temperature of 27°C)	4.0-5.5 cp	5.0-6.0 cp	8.0-9.0 cp
Static surface tension (at a temperature of 27°C)	34-36 mN/m	34-36 mN/m	34-36 mN/m
Shelf life (from production date)	12 months Recommended storage at temperature 5-40°C, closed Farbenpunkt bottles		

Colors available	Light fastness
Cyan	7-8
Magenta	7-8
Yellow	7-8
Black	8
Red	7-8
Purple	7-8
White	7-8



Advantages of PeractoJet inks:

- No pre-treatment needed.
- No washing needed.
- One ink for all materials.
- Low capital investment, only printer and fixation needed.
- No water needed.
- No steam needed.

Note:

It is your responsibility to conduct tests with our products to confirm their suitability for the desired process or purpose. The selection and testing of the ink for a specific application is not our responsibility. Any technical advice given by us verbally or in written only represents our current knowledge about our products and their use. It is not meant as an assurance concerning certain properties of the products nor their suitability for each application.