



## **DIGI COAT - PES**

**DIGI COAT – PES** is a speciality product with low viscosity for improvement of colour value during ink-Jet printing on all types of fabric with disperse.

**DIGI COAT – PES** is used in padding before ink-Jet printing. **DIGI COAT – PES** has high molecular weight which increases the localised viscosity on ink, thereby avoiding bleeding and spreading of prints.

**DIGI COAT – PES** improves levelness and sharpness of prints. It has a film forming and adhesion property. The advantage of **DIGI COAT – PES** is ready to use product and consistent in viscosity. **DIGI COAT – PES** is stable as there is no bacterial attack. The feel of the fabric is not affected.

<b>Key Features</b>	<b>Benefits</b>
Ink Jet printing	Improves colour yield, levelness & Sharpness of prints
Universal	Suitable for all types of ink.
Easy wash-off	Does not interfere in subsequent processing

### **General Characteristics**

Physical appearance	: Colourless to pale yellow clear liquid
pH of 1% solution	: 7 +/-1
Miscibility	: Miscible in water
Stability	: Stable to dilute acids & dilute alkalies

### **Application**

Ink-Jet direct printing on polyester (Disperse ink) Fabric pretreatment with **DIGI COAT – PES**

<b>DIGI COAT – PES</b>	: 40-70 g/l
Citric Acid	: 4 – 5 gpl [ pH – 4.5 to 5 ]

The product appearance varies from batch to batch. The colour & viscosity may vary from batch to batch and its intensity is not an indication of product strength.

NONWARRANTY: The suggestions and data in this bulletin are based on information we believe to be reliable. They are offered in good faith but without guarantee, as conditions and methods of use of our products are beyond our control. We recommend that the prospective user determine the suitability of our materials and suggestions on an experimental basis before adopting them on a commercial scale.

Padding followed by drying and then ink-jet printing

Steam at 180°C for 8 min or thermofix at 180-190°C for 1-2 min or calendering at 200-210°C for 30 sec.

Printed fabric is given washing as follows:

Rinse 5 min with cold water  
Soaped for 5 min. at 50-60°C

1 g/l Reduction clearing agent at 60-70°C for 10 min.

## **Storage:**

Store in cool, ventilated shed away from heat and direct sunlight. Needs firmly to avoid contact with air and moisture.

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