

## Jetmate AM-3

### Description

Digital inkjet printing technology has been widely used in textile printing, digital production redefine the concept of textile printing. It abandons the traditional complex links such as printing need plate making, spray it directly on the fabrics. In pattern design to achieve 'what you see is what you get' infinite possibility. Digital printing can be ordered from 1 yard, completely changes the batch limitation in actual production, and solves problems that traditional printing needs to cover large production area and cause serious pollution etc.

To realize ultra fine lines and clear pattern and dark color in digital printing, it must have fabrics pretreatment, namely priming, choose excellent primer is the prerequisite to realize digital printing effect.

Jetmate AM-3 is a pretreatment agent applied to acidic inkjet printing on polyamide fabrics. Fabrics treated will have stronger absorption and penetration ability to dye-based ink, achieve the best coordination on pattern definition and color depth. Getting good printing effect on ultra fine fabrics and weft stretch fabrics.

### Typical and Physical Properties

Product Type	Digital Printing Pretreatment Agent / Auxiliary
Application	Industry
Active Content	100%
Brand	SCC
Packaging	125Kg/Drum, 200Kg/Drum
Standard Instructions	Company Standard
Volatility	Stable at normal temperature
Solubility	Water soluble
pH Value	7±1(1% Aqueous solution)
Appearance	Light brown thick paste
Specific Gravity	1.00
Ionicity	Nonionic

### Potential Applications

As matching product to polyamide acidic inkjet printing fabrics, Jetmate AM-3 is applied to pretreatment of following fabrics:

- Polyamide/spandex weft knitted fabrics.
- Polyamide ultra fine fabrics.
- Polyamide warp knitted swimsuit fabrics.

### Key Features and Benefits

- Effectively prevent ink from bleeding to no pattern area in the process of spray printing, achieve ultra clear pattern outline, owns great performance effect to super fine lines.
- Strong absorption and penetration to dye-based ink, ensure no friction stain, no misting, no powder

dropping and smooth cloth.

- High color yield, full color, improve the utilization efficiency of ink.
- Easy to clean. Still owns good water solubility after stoving and aging, it can be washed out in cleaning process, no effect to other processes.
- Good stability. Stand up to decomposing and pollution from various fungi, ensure sustainable stability of printing effect, reduce lot color difference.

### **How to Apply**

1. Scrapping printing method ( Hand or flat screen printing machine):

Scrapping Printing Number	Two-way scrapping once
Dry Temperature	100℃

2. Circular screen printer sizing:

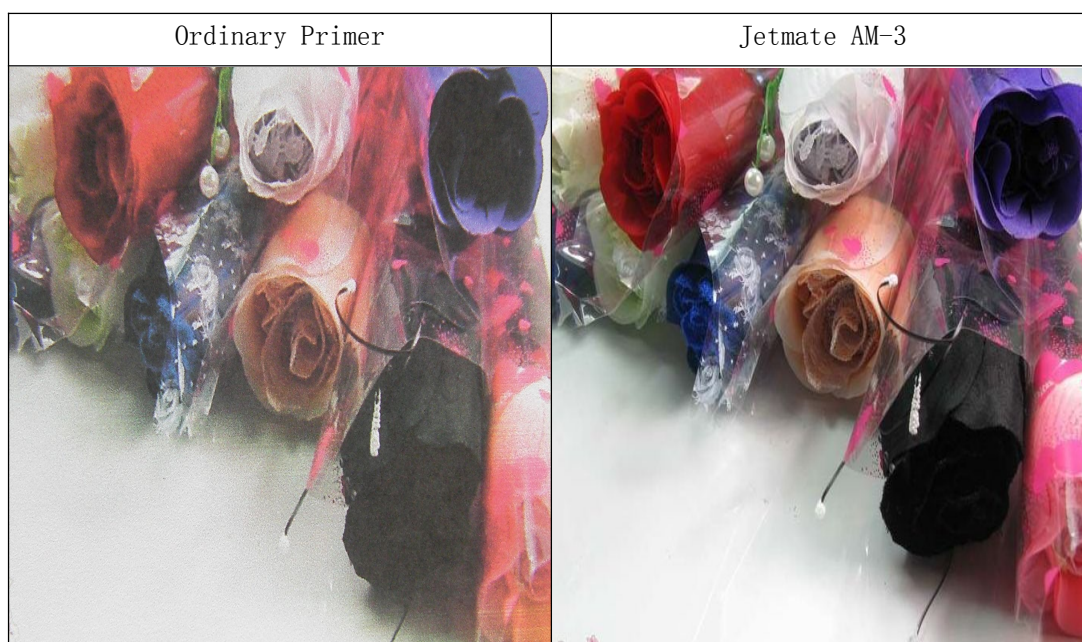
Circular Cutter	Continuously sizing
Speed	15M/min
Dry Temperature	120-130℃

3. Single roller sizing machine:

Single side single roller sizing	Single roller continuously sizing
Speed	10-15M/min
Dry Temperature	100℃

### **Formula & Charts:**

Following comparison chart is spray ink printing effect on polyamide weft knitted fabrics which is pretreated with Jetmate AM-3 has evidently increase on definition and color yield.



**Packaging**

Plastic drum, 125Kg/Drum.

**Storage**

Prevent from sunlight exposure, placed in a ventilated cool area.

**Shelf Life**

12 months.

**Notes**

Kindly please be sure to have bulk trials before production and determine the optimum formula. Any questions or suggestion please contact SCC customer service hotline: +86-400-9955331 or visit the company web site [www.thescc.net](http://www.thescc.net) to obtain information. The manual may be updated based on SCC technology; we shall inform you the latest updates timely.

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