

Handling Instructions for ST-216

For this high-end fabric, special handling instructions are applicable. These should be followed closely in order to ensure the best results:

Before Printing

The fabric will shrink while heated, so we suggest doing preshrink before printing.

You should check the fabric inspection report (**Table 1**) carefully before printing, and make sure for the printing size. Meanwhile check out if any visible defects on the rolls before printing.

During Printing

- Best results are achieved when printed directly or transfer with sublimation/disperse inks.
- Different series of ink compatibility level:
 - UV ink : 1. Printable 2. unfoldable 3. No anti-scratch . (UV printing color could appear a bit pale.)
 - HP Latex ink: 1. Printable 2. foldable 3. No anti-scratch)
- Due to the fabric with a little bit elasticity, you must well control the tension of machine when printing. Or the printing image deformation will occur.
- When printing the fabric with UV curing inks, it should be “fixated” with high UV power to get best possible ink-stability on the fabric and to avoid smell of unfixed UV ink as best as possible. Also when printed with latex inks, a higher drying is recommended to get best possible ink-stability.

Color Fixation

Our experience shows that for best results, high temperature and long contact time are neither necessary nor suggested to achieve good results.

At too high temperatures in combination with high fixation time the coated side can stick to the protection paper. Also together with smells. This can only be avoided by reduction of temperature fixation time.

Recommend Calender color fixation temperature: 190° ~210° , 45~60s

Recommend Oven color fixation temperature: 170~180° , 7mins

Notes: You'd better to test our fabric to get the best fixation temperature and time by your printers before regular production, as no liability will be assumed for possible damages (also after a period of time).

Attention: according to our experience, the fabric can be heat fixated without protection paper at a proper setting as well. The coated side (black) HAS TO be on the belt, not to the calender cylinder ;while the printed side to the calender cylinder.

Cutting and Sewing

Cold or hot cut is available. The fabric may come with some smells and smoke when cutting by hot cut and laser.

You have to protect the coated side while sewing, since the coating may be destroyed.

Package and Install

Roll pack

The backside black coating is easily broken by sharp object, so take care when transport and installation.

When temperature is below 10°C, the original fabric stretch will be lower as usual, that will make the image can't be installed than before, then you have to adjust the image size.

We don't suggest long term outdoor application.

Clean

Do not wash

Do not dry-clean

Clean with a damp cloth

Iron at low temperature

Table 1

Fabric Inspection Report

Product # _____ Date _____

Width _____ Meters _____ Batch NO: _____

[Left (L) Center(C) Right(R) Across (A)]

Defects: ⊗

These marks mean the location of the defects on fabric width direction. Note that where the paper report is, there is the defined "Left(L)",

"Across(A)" means the defects across the whole width.

It means the defect on the 31 meters counted from inside, and on the left.

1	2	3	4	5
6	7	8	9	10
11	12	13	14	15
16	17	18	19	20
21	22	23	24	25
26	27	28	29	30
31 ⊗ L	32	33	34	35
36	37	38	39	40
41	42	43	44	45
46	47	48	49	50
51	52	53	54	55
56	57	58	59	60
61	62	63	64	65
66	67	68	69	70
71	72	73	74	75
76	77	78	79	80
81	82	83	84	85
86	87	88	89	90
91	92	93	94	95
96	97	98	99	100

Defects includes stain, tear/ hole, missing thread, grease and so on



Note: Above defects are marked from inside to out. Please note when printing.