

Handling Instructions for ST-129

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

Before Printing

You should check the Fabric Inspection Report (**Table 1**) carefully before printing, and verify the printing size.

During printing

- On light box, printed directly onto the fabric with disperse inks can achieved the best result. When transfer printed with sublimation ink, colors could appear a bit more pale on light box (depending on ink, printer and settings).
- On display, good results can achieved when printed directly or transfer onto the fabric, but transfer printing with better resolution.
- Compatibility levels of different inks:
UV ink: 1. Printable 2. Unfoldable 3. Not anti-scratch
HP Latex ink: 1. Printable 2. Foldable 3. Not anti-scratch
- **Both sides are printable.**

Color Fixation

Due to not completely fixation or too much inks, “transfer of ink” or “staining” can occur when unprinted parts get in contact with printed parts under pressure (front as well as back side, resp. textile or coating side). We therefore recommend to send or store printed fabric only rolled or with a middle layer of paper as protection.

High temperature and long contact time are neither necessary nor suggested to achieve good results.

The best color fixation temperature should be specifically adjusted upon the ink used. If the ink doesn't have any special requirements, please follow below suggestions:

- Recommended color fixation temperature on Calender : 190°C-210°C, 45-60s
- Recommended color fixation temperature on Oven: 170~180°C, 7minutes

Package and Install

1. We suggest roll packing or folding into hard box for transportation to avoid strong mechanical stress for a long time.
2. Because of the technical specifications of warp knitted fabrics, the material has two different structures (in- and outside) with different characteristics, so different result should be expected when application.

Please find below the differences in detail:

- **Inside | smooth side, no structure**
nearly no structure visible, therefore very high color sharpness and printing resolution

possible

During the whole producing progress, including cutting, seaming, folding, transportation and installation, if there's any hard pressure on the fabric, it may cause displacement of the yarns and creases which is visible in back-light application. This kind of crease is recoverable, but the recovery degree will depend on the intensity of the external pressure on it. So roll packing is strongly suggested, and folded inside hard boxes is also workable. But there will be some creases appeared when folded.

➤ **Outside | more structured**

slight typical textile structure, which also will be visible in back-light, and can't achieve perfect color saturation.

Clean

Dye sublimation/disperse ink printed:

Washable

Attention: If do washing, the flame resistance can't reach the expected results.

UV & Latex inks printed:

Not washable

Cleanable with damp cloth

To 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 there will be a defect label on the 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.