

Handling Instructions for ST-607UTD

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

- As back-lit, the best results are achieved by UV printing on the coated side, the textile side is suitable for dye sublimation. When printed by transfer as back-lit, colors could appear a bit more pale (depending on ink, printer and settings)
- Compatibility levels of different inks:
UV ink: 1. Printable 2. Unfoldable 3. Anti-scratch
HP Latex ink: 1. Printable 2. Foldable 3. Not Anti-scratch
Dye sublimation ink: 1. Printable 2. Foldable 3. Anti-scratch
- Since the fabric shrinkage on 2-3%, if you need high performance on back-lit application, you should pay attention to printing resolution when printing with dye sublimation ink.
- 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 odor 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

Attention: Please test the fabric with a small sample before regular production, as no liability will be assumed for possible damages (also after a period of time).

- During color fixation, high fixation temperature will change the coating color, so you can adjust the ICC profile to get a better printing result. If the color fixation temperature over 200°C, you’d better test to confirm the printing performance.

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:

- Recommend color fixation temperature on Calender : 190~200°C, 30-45s

Note: according to our experience, the coated side HAS TO be on the belt with protection paper when transfer; the printed side to the calender cylinder.

Package and Install

Roll packing is recommend. Due to unfixed ink as well as chemical reactions between some sublimation inks and coating, the transfer of ink or staining can occur. This may happen especially when unprinted parts get in contact with printed parts under pressure. Therefore we recommend to send or store printed fabric only rolled or with middle layer of paper as protection.



Clean

Not washable

Not suitable for dry cleaning

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.