

FABRICS on ROLL-TO-ROLL SYSTEMS

Advice for use

To get the best results on roll to roll systems, printing on fabrics requires a little more care as compared to all other printing materials for printing and cutting, because fabrics are not back-supported and behave differently during the process - whether for printing only or, even more, for printing and cutting.

1 **LOADING.**

Whatever the material, it is essential to load the reel into the machine carefully and wind it perfectly; this precaution must be kept even more in mind when printing on fabric. Both sides of the reel must be perfectly aligned (first illustration).

2 **REWINDER.**

For correct printing with any type of fabric and on any roll-to-roll printer, the fabric must be fixed perfectly to the rewinder beam. It must also be perfectly tensioned. To tension the material as much as possible, the reel should be pulled and hooked from the centre - not from the sides (second illustration).

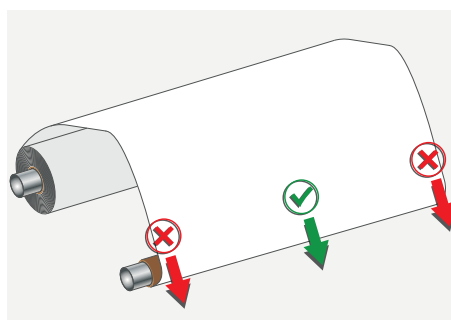
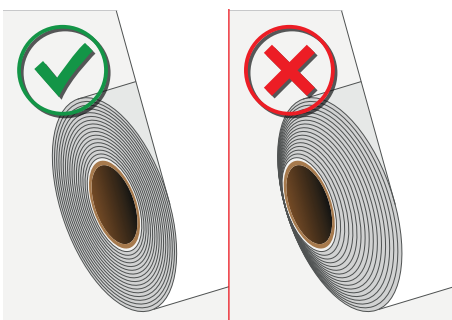
3 **PINCH ROLLER.**

For printing and cutting, once the material has been tensioned in the correct way, we recommend using only the first and last pinch rollers, removing or excluding all the others. Because the pinch rollers in printing and cutting systems are very narrow, they exert their pressure at one point only. This creates waves and folds between one and the other.

4 **PLOTTER SETTINGS.**

Additional precautions to take when printing to fabrics on roll-to-roll systems:

- Reduce the suction as far as possible, or even better, turn it off.
- Reduce the operating temperatures.
- If possible, print with the head in the high or medium position (if this does not affect the quality).



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