

Standard operation procedure – tape and plate mounting



Technical guide for working with tesa® Softprint

1. Cleaning

Cylinder/ sleeve cleaning



Clean the cylinder or sleeve by using a suitable solvent. Wipe it dry with a clean cloth.

Plate cleaning



Clean the back of the new or used plate from dust, grease, or other contamination, especially when using a plate washer, by using a suitable solvent. Wipe down the back of the plate in straight lines with a clean cloth.

In case of persistent ink and adhesive residues, it is essential to use an appropriate cleaning solution to ensure the effective maintenance of the printing plates and sleeves.

Category	Agent	Comments
Recommended	100% Alcohol	Recommended by all major sleeve and plate manufacturers.
Enhanced	80% Propyl alcohol 20% Ethyl acetate	Acetate can harm face of photopolymer plates. Often used when alcohol alone makes removal of contaminants difficult.



In case of edge barr, remove uneven edges of the printing plate with the deburring knife (45° angle). Only relevant for new plates.

2. Mounting

Tape mounting



Apply the tape in a sweeping motion, line by line. Use a squeegee for best results. Alternatively use an automatic pressure roller.

Plate mounting



Fix the plate on a narrow area of the tape. Avoid premature contact between plate and tape by using liner material.

The plate should be positioned in the center over the joint of the tape.



Use a rubber roller and apply pressure from side to side over the plate. Alternatively apply pressure with an automatic pressure roller. This will give a better bond than just by hand.

3. Demounting

Plate mounting



Remove the plate first, then slowly strip off the tape at a flat angle.

Tape demounting



For easier demounting when using our Flex variant, we recommend embedding and folding the tape.