

Technical information on PrintGuardPlus (SM52 transfer sheet)

Brief summary

I. Removing the old transfer plate

For this, please use the Heidelberg user manual and obey all safety instructions. After removal, please clean the surface of the transfer cylinder.

II. Installing PrintGuardPlus

Insert the new PrintGuardPlus sheet with the glass bead structure. PrintGuardPlus can be installed without underlays.

Lay PrintGuardPlus with the glass bead side upward (orange side up) on a clean surface, where the 19 mm thick stainless-steel edge is pointed in such a way that it can first be passed into the cylinder. Guide the flat stripes made of 19 mm thick stainless steel in the previously opened slot (while centring the sheet on your transfer cylinder). Make sure that the flat stainless-steel strip is seated uniformly under the front edge of the cylinder on the gripper stop bar and closes flush with the cylinder edge (see image nearby). If that is all OK, you can tighten the 17 mm clamping screw on the side.

Now slowly jog the cylinder forward while holding the end of the sheet taut until the 9 mm thick stainless-steel edge rests on the other edge of the cylinder. The stainless-steel edge is sharp — be careful!

Fold the 9 mm thick stainless-steel edge into the open slot and make sure that the sheet is seated straight. Tighten the 17 mm locking clamp bolt.

Please jog the transfer cylinder through again to check that PrintGuardPlus is seated flat and without bubbles or kinks. This is the only way to ensure that the machine runs trouble-free.

III. Care and maintenance

PrintGuardPlus is a durable anti-marking sheet with a permanent cross-linked silicone coating. It usually lasts 6 to 12 months, depending on use and care. To lengthen its life, we recommend removing any ink build-up immediately. Do not allow the ink to dry, because dry ink is hard to remove, and scrubbing can damage the surface of PrintGuardPlus.

Use a mild detergent (such as Allil) and thin it 50% with water. Use a lint-free polishing cloth or preferably a sponge. Then clean the surface with the moist cloth or sponge, applying light, uniform pressure.

Never use a screwdriver, knife or any sharp or abrasive tool on the PrintGuardPlus surface. Do not scrub too much on one spot, because this will destroy the PrintGuardPlus glass bead structure. Gentle, consistent pressure does not distort the sheet.

Another special note on cleaning your PrintGuardPlus:

Due to the sheet's special coating, ink can remain in the gaps of the glass bead structure. This causes the orange surface of PrintGuardPlus to darken with time. This darkening in no way impairs your sheet's anti-marking properties!

That is how to clean your PrintGuardPlus very quickly and easily. It is also the way to maintain the sheets' ink-repellent silicone layer.

Safety precautions:

When installing the sheet manually or with tools, please make sure that the machine is in the "Off/Stop" position before approaching its rotating parts.

If you have technical questions, please contact:

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