



ApplyLabWork PT-SP001PK Prototype Engineering Series Spring Pink Formlabs Printers Compatible Instructions

[Home](#) » [APPLYLABWORK](#) » ApplyLabWork PT-SP001PK Prototype Engineering Series Spring Pink Formlabs Printers Compatible Instructions 



APPLYLABWORK PRINTING INSTRUCTIONS Form 2 & 3 series printers Laser Spring Pink (PT-SP001PK)

Contents

- [1 Check:](#)
- [2 Open-Mode \(Form2\):](#)
- [3 PreForm Setting:](#)
- [4 Washing:](#)
- [5 Storage:](#)
- [6 Note:](#)
- [7 Documents / Resources](#)
 - [7.1 References](#)
- [8 Related Posts](#)

Check:

- The resin tank and optical path are clean
- Shake resin bottle well before use

Open-Mode (Form2):

Ensure the printer is idle

1. Tap printer icon on the home screen
2. Select the “Settings” menu
3. Select the “Open Mode” function
4. swipe the bar on top right side to “On” * LT tank is required in Form2 printers

Cartridge (Form2 & Form 3 series): Refill the resin to a durable-v2 cartridge. Open air vent, turn the cartridge upside down, drip dry through air vent for at least 5 mins to minimize cross-contamination, refill, shake well for 2 minutes, insert and print.

Alternative solution: [North America , Other Regions](#)

PreForm Setting:

Select Printer: Form2 or Form3 series

Select Material: durable v2

Layer Thickness: 100µm

Job Setup	
1 Printer Type	Form 3/3+
2 Material	Durable V2
3 Layer Thickness	0.100 mm
4 Print Settings	Default

* Please avoid any large aspect-ratio geometry (e.g. thin wall or long rod) in the object to reduce failures.

Washing:

Wipe off excess resin on prints with a paper towel, submerge into 95% IPA and place the container in an ultrasonic bath, wash for 5 minutes. Replace by a clean IPA and repeat ultrasonic washing for another 5 minutes (total 10 minutes). Blow off all excess IPA and set parts in a shaded airy place to dry at least 2 hours before curing.

*Dried print will be tacky to touch

Post-curing (Mandatory): Submerge the parts into glycerol/glycerin (CAS # 56-81-5) and start FormCure with 60 °C / 30 mins setting. Wash off glycerol in water and dry off with a paper towel.

*If prints don't sink completely into glycerol, add water (no more than half of volume) to adjust the liquid density.

**If prints are still tacky to touch after post-curing, rinse with acetone (CAS # 6764-1) for no more than 1 minute will significantly reduce tackiness.

Storage:

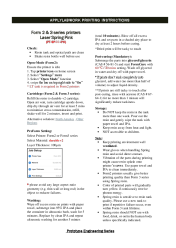
- Do NOT keep the resin in the tank for more than one week. Pour out the resin and gently wipe the tank with a paper towel and IPA.
- Keep resin away from heat and light.
- NOT accessible to children.

Note:

- Keep printing environment well ventilated.
- Wear gloves when handling Spring resin and avoid direct contact.
- The vibration of the parts during printing might cause the resin to splash onto the printer's cover. Use a paper towel and IPA to clean immediately.
- Form2 printers usually give better printing quality than Form 3 series using Spring resin.
- The color of printed parts will gradually turn yellow if continuously receive photon energy.
- Spring resin is sensitive to resin tank quality. Please use a new tank to print if a repetitive failure occurs, even within the Form 3 tank lifetime.
- Spring resin should NOT use with food, drink, or on/in the human body unless specifically indicated.

Prototype Engineering Series

Documents / Resources

	<p>ApplyLabWork PT-SP001PK Prototype Engineering Series Spring Pink Formlabs Printers Compatible [pdf] Instructions</p> <p>PT-SP001PK, Prototype Engineering Series Spring Pink Formlabs Printers Compatible, Spring Pink Formlabs Printers Compatible, Prototype Engineering Formlabs Printers, Formlabs Printer S</p>
---	---

References

-  [Universal Cartridge Module - Formlabs Compatible Product](#)
-  [ProtoART - Resellers](#)