### XYZprinting RSFLAXUS00F

# XYZprinting Open Smart Tag Instruction Manual

Model: RSFLAXUS00F

## 1. Introduction

The XYZprinting Open Smart Tag is an NFC chip designed to enable compatibility with third-party filaments on select XYZprinting 3D printers. This device allows users to expand their material options beyond proprietary filaments, offering greater versatility and choice for 3D printing projects. It integrates seamlessly to provide a reliable and efficient printing experience with a wider range of materials.

**Key Features:**

- **Third-Party Filament Compatibility:** Unlocks the ability to use filaments from various brands.
- **Quick Installation:** Designed for straightforward setup on your filament spool and registration with the printer.
- **Spool Size Versatility:** Supports a wide range of filament spool sizes, from 600g to larger capacities.
- **Broad Printer Compatibility:** Compatible with da Vinci nanoSeries, miniSeries, Jr. Series, and Color Series printers.
- **Wide Material Support:** Enables use of various filament types including PLA, PETG, ABS, and Carbon-infused materials.

## 2. Package Contents

Verify that all items are present in the package:

- Open Smart Tag device (Model: RSFLAXUS00F)
- Mounting hardware (if applicable, typically a screw for attachment)

*Figure 1: Front view of the Open Smart Tag device. This image shows the white plastic housing with two curved arms designed to hold a filament spool, and a central rectangular section containing the NFC chip. A small screw is visible on one side.*

## 3. Setup and Installation

Follow these steps to install and register your Open Smart Tag:

1. **Attach to Filament Spool:** Secure the Open Smart Tag to your third-party filament spool. The design typically allows it to clip or screw onto the spool's core. Ensure it is firmly attached and does not interfere with the spool's rotation.
2. **Load Filament:** Load the filament spool with the attached Open Smart Tag into your XYZprinting 3D printer according to your printer's standard filament loading procedure.
3. **Power On Printer:** Turn on your 3D printer and ensure it is connected to the internet (if required for registration).
4. **Access Printer Interface:** Navigate to the filament management or settings section on your printer's control panel or through the associated software.
5. **Register Smart Tag:**
    - Locate the option to "Register Smart Tag" or "Add New Filament." This may be found by clicking on a question

mark icon next to the filament status or a similar prompt.

- The printer will attempt to read the NFC chip on the Open Smart Tag. Ensure the tag is positioned correctly for the printer's NFC reader.
- *Note:* Some users have reported that with newer software versions (e.g., 2023 software), you might need to try clicking the registration prompt multiple times or ensure the printer is directly connected via USB/Ethernet for successful registration if experiencing "printer reacted too slow" errors.

6. **Select Filament Type:** Once recognized, you will be prompted to select the type of filament (e.g., PLA, PETG, ABS) and potentially other parameters like diameter and color. Configure these settings to match your third-party filament.
7. **Confirmation:** The printer should confirm successful registration and display the new filament information.


*Figure 2: Angled view of the Open Smart Tag, highlighting the label with "OPEN SMART TAG" and "Model No.: RSFLA". This image provides a clearer view of the central NFC module and its identification markings.*

## 4. Operating Instructions

Once the Open Smart Tag is installed and registered, your XYZprinting 3D printer will treat the third-party filament as a recognized material. You can then proceed with your printing tasks as usual.

1. **Prepare 3D Model:** Use your preferred slicing software (e.g., XYZprint, Cura, Simplify3D) to prepare your 3D model for printing.
2. **Select Filament Profile:** In the slicing software, ensure you select the correct filament profile that matches the third-party material you are using (e.g., PLA, PETG). Adjust print settings (temperature, speed, retraction) as recommended by the filament manufacturer.
3. **Start Print:** Send the sliced G-code to your printer and initiate the print job. The printer will now utilize the third-party filament as enabled by the Open Smart Tag.
4. **Monitor Print:** Observe the initial layers of your print to ensure proper adhesion and extrusion. Adjust settings if necessary.

*Important:* Always refer to the specific recommendations of your third-party filament manufacturer for optimal printing temperatures and speeds. The Open Smart Tag facilitates the use of these materials but does not automatically configure all print settings.

## 5. Maintenance

The Open Smart Tag requires minimal maintenance. To ensure its longevity and proper function:

- **Keep Clean:** Periodically wipe the device with a dry, soft cloth to remove dust or filament debris. Avoid using harsh chemicals or abrasive materials.
- **Avoid Physical Damage:** Handle the Smart Tag carefully to prevent cracks or damage to the NFC chip.
- **Proper Storage:** When not in use, store the Smart Tag in a dry, cool environment, away from direct sunlight or extreme temperatures.
- **Check Connection:** Ensure the tag remains securely attached to the filament spool during printing to prevent dislodgement.

## 6. Troubleshooting

If you encounter issues while using the Open Smart Tag, refer to the following common problems and solutions:

- **Smart Tag Not Recognized:**
  - Ensure the Smart Tag is correctly and securely attached to the filament spool.
  - Verify that the filament spool with the tag is properly loaded into the printer.
  - Check your printer's software/firmware version. If it's a newer version, you might need to try clicking the "Register Smart Tag" prompt multiple times.
  - Ensure your printer has a stable internet connection or is connected via USB/Ethernet during registration, as connectivity issues can sometimes cause "printer reacted too slow" errors.
  - Restart the printer and attempt the registration process again.
- **Filament Not Extruding/Poor Print Quality:**
  - This is often related to incorrect print settings for the specific third-party filament. Double-check the recommended nozzle temperature, bed temperature, and print speed from the filament manufacturer.
  - Ensure the filament is loaded correctly and not tangled.
  - Perform a nozzle cleaning or cold pull if you suspect a clog.
- **Printer Displays "Proprietary Filament Required" Error:**
  - This indicates the Smart Tag was not successfully registered or is no longer recognized. Repeat the registration steps in Section 3.

- Ensure the Smart Tag itself is not damaged.

If problems persist, contact XYZprinting customer support or refer to their official support resources.

## 7. Specifications

| Feature | Detail |
|---|---|
| **Model Number** | RSFLAXUS00F |
| **Brand** | XYZprinting |
| **Connectivity Technology** | NFC (Near Field Communication) |
| **Compatible Printers** | da Vinci nanoSeries, miniSeries, Jr. Series, Color Series |
| **Compatible Materials** | PLA, PETG, ABS, Carbon, and other third-party filaments |
| **Spool Size Compatibility** | 600g to unlimited (with external spool holder if needed) |
| **Color** | White |
| **ASIN** | B0B77Y2LM4 |
| **UPC** | 840710107749 |

## 8. Warranty and Support

For warranty information, technical support, or service inquiries, please visit the official XYZprinting website or contact their customer service department. Keep your purchase receipt as proof of purchase.
**XYZprinting Official Website:** www.xyzprinting.com



### Related Documents - RSFLAXUS00F

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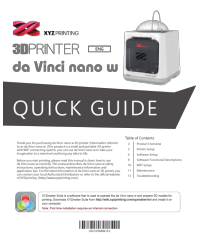
|---|---|
|  | XYZprinting da Vinci Jr. 1.0w Open Filament Project Guide<br>This guide details the process for enabling the XYZprinting da Vinci Jr. 1.0w 3D printer to use third-party filaments, involving software installation, firmware updates, and specific command execution via the Access Port program. |
|  | XYZprinting da Vinci nano w 3D Printer Quick Guide<br>A quick guide to setting up, using, and maintaining the XYZprinting da Vinci nano w 3D printer. Learn about its features, software, WiFi setup, and troubleshooting. |

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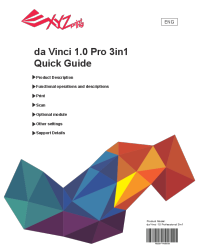
|  | [da Vinci 1.0 Pro 3in1 Quick Guide: Setup, Operation, and Maintenance]<br>Comprehensive quick guide for the XYZprinting da Vinci 1.0 Pro 3in1 3D printer. Learn about product features, installation, filament loading/unloading, temperature settings, print bed calibration, maintenance, scanning, laser engraving, software usage, and troubleshooting. |
|  | [XYZprinting Filament Cartridge Replacement Instructions (HD2 RF 3 DX021)]<br>Step-by-step guide for replacing filament and accessories in XYZprinting filament cartridges, model HD2 RF 3 DX021. Includes important notes on usage and handling. |
|  | [XYZprinting da Vinci Jr. Pro X+ User Manual]<br>Comprehensive user manual for the XYZprinting da Vinci Jr. Pro X+ 3D printer, covering setup, operation, maintenance, troubleshooting, and specifications. |
|  | [XYZscan]<br>XYZprinting XYZscan 3D |