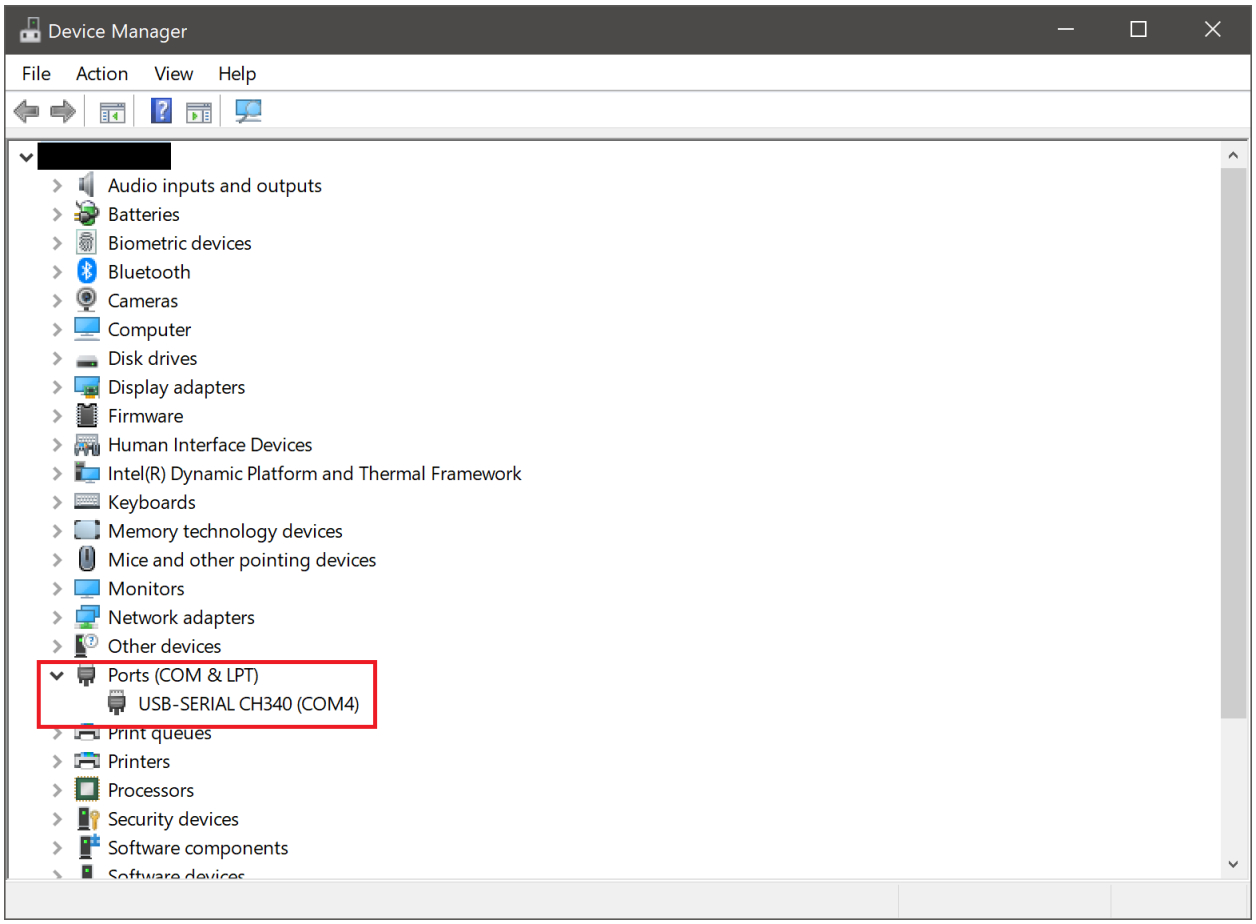
re:Filament User Guide

By Riverfront Additive Manufacturing
Version 0.5.0

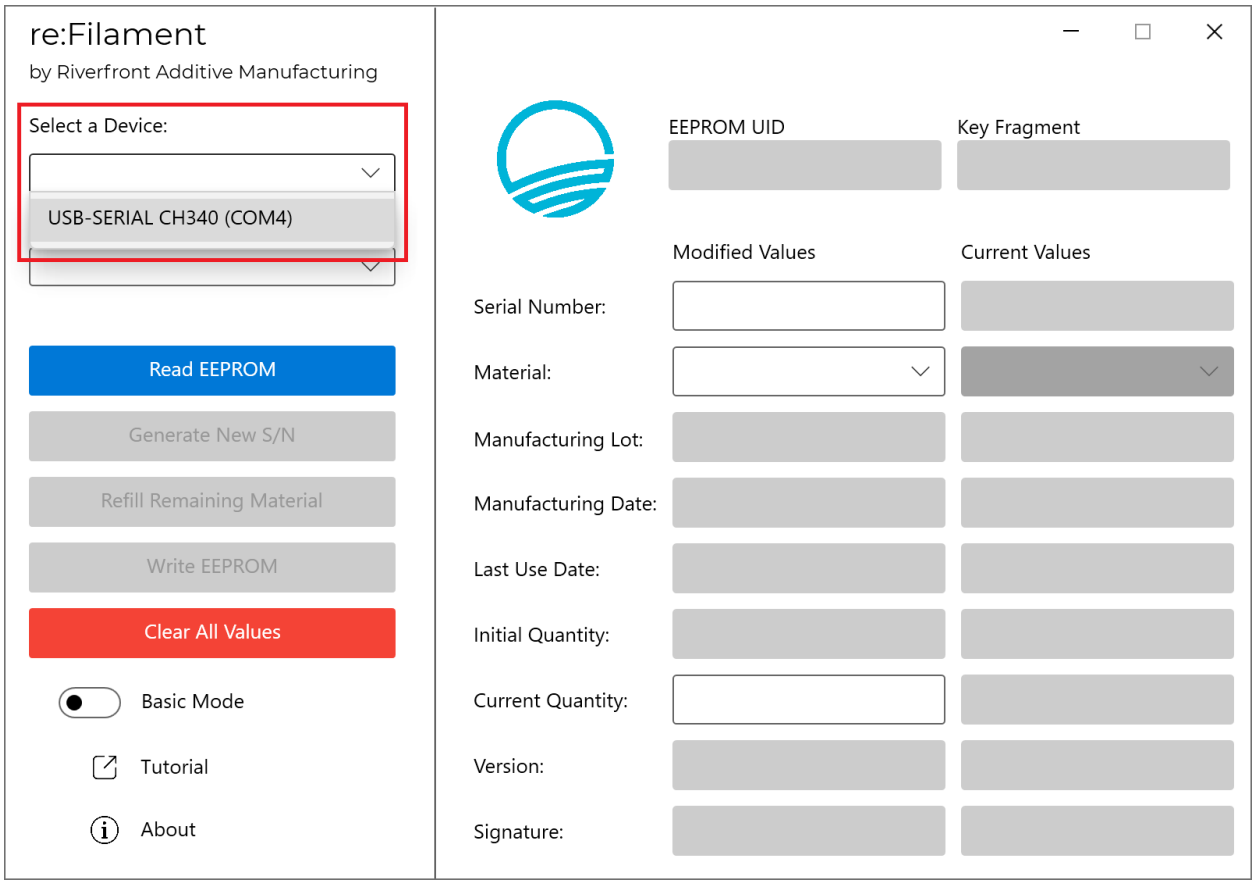
1. Plug the device into your PC using the supplier USB cable and ensure the green light is on

2. Windows should install the required drivers automatically. To verify this, open device manager and make sure you see a **CH340** device under Ports when the refiller is plugged in:

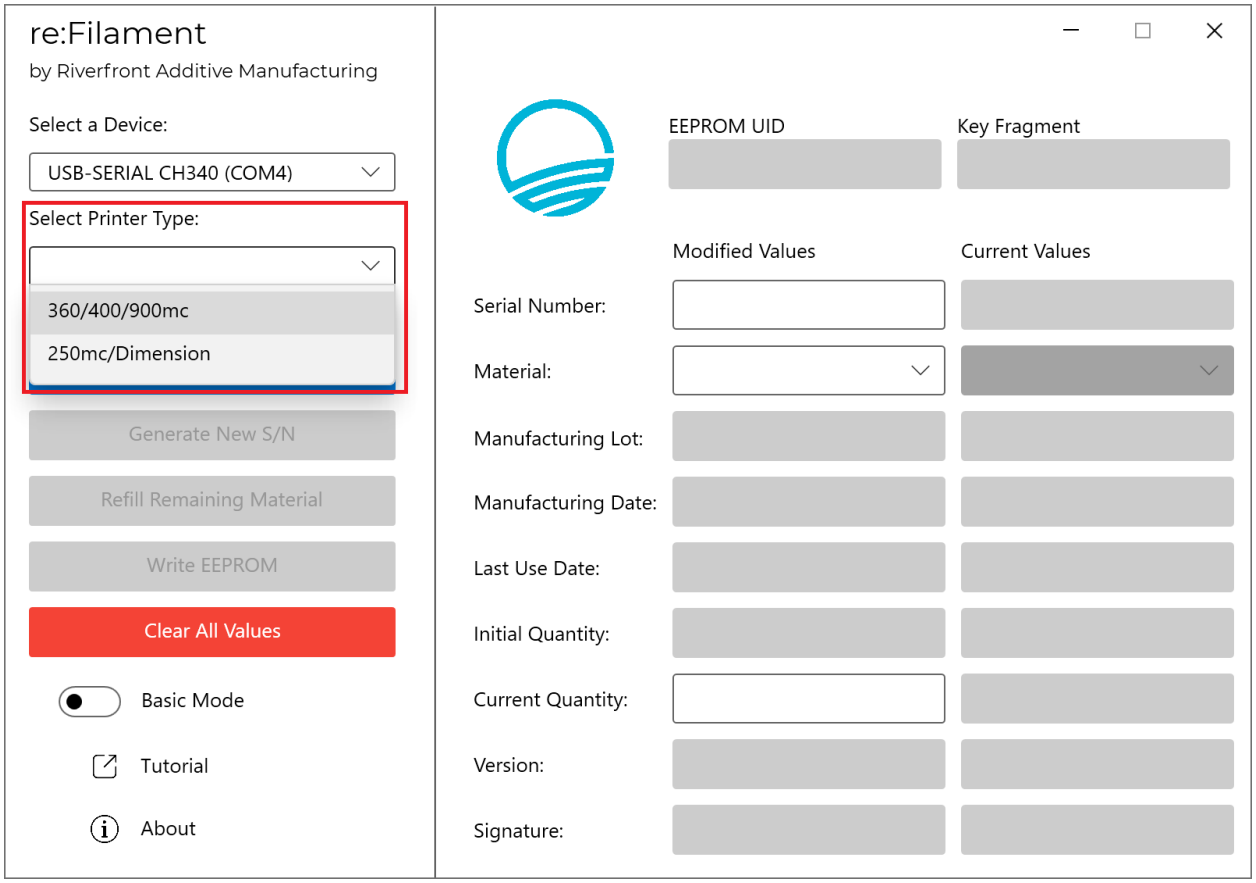


NOTE: If you do not see the CH340 device, it is likely that your Windows is configured to disable automatic driver updates. If this is the case, you will manually have to install the drivers from the included drivers folder.

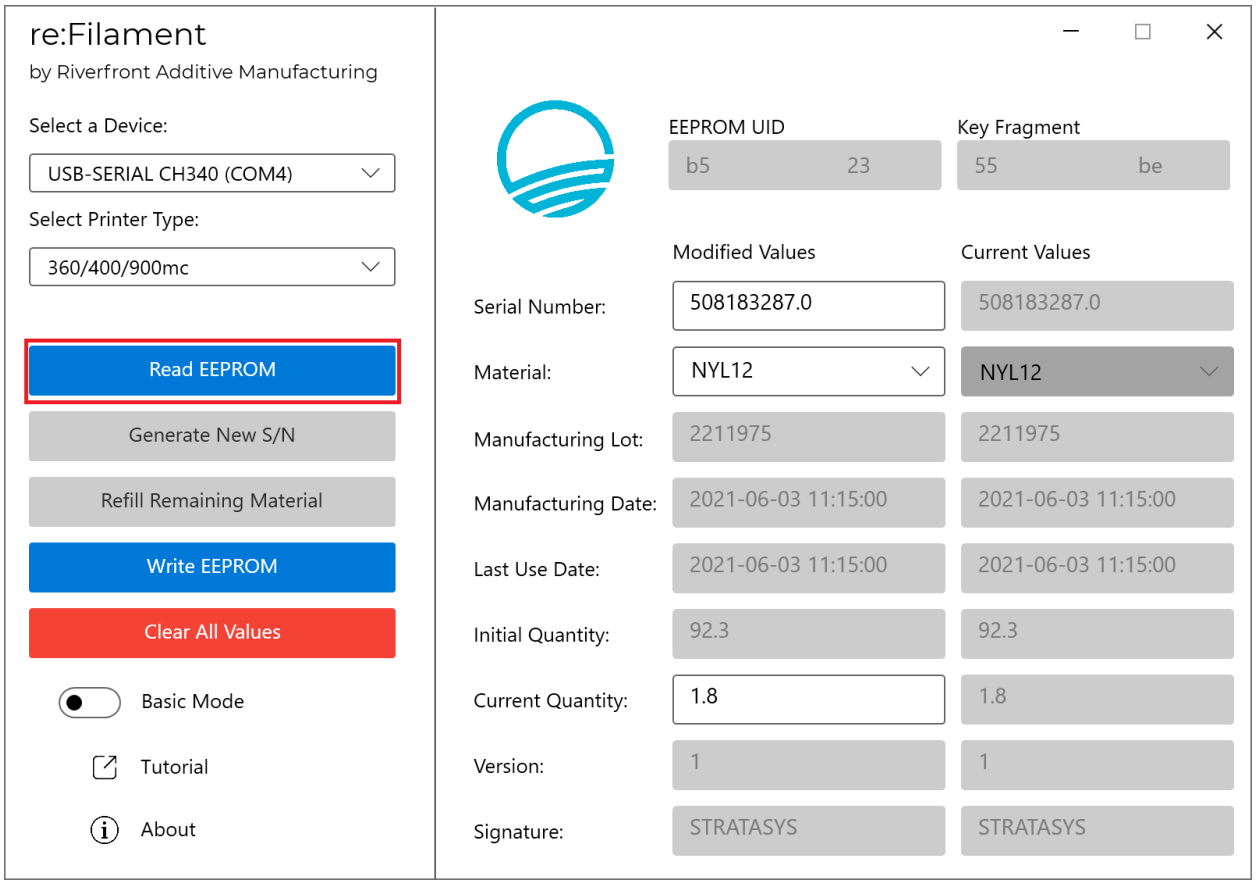
3. Select the CH340 device from the *"Select a Device"* drop down:



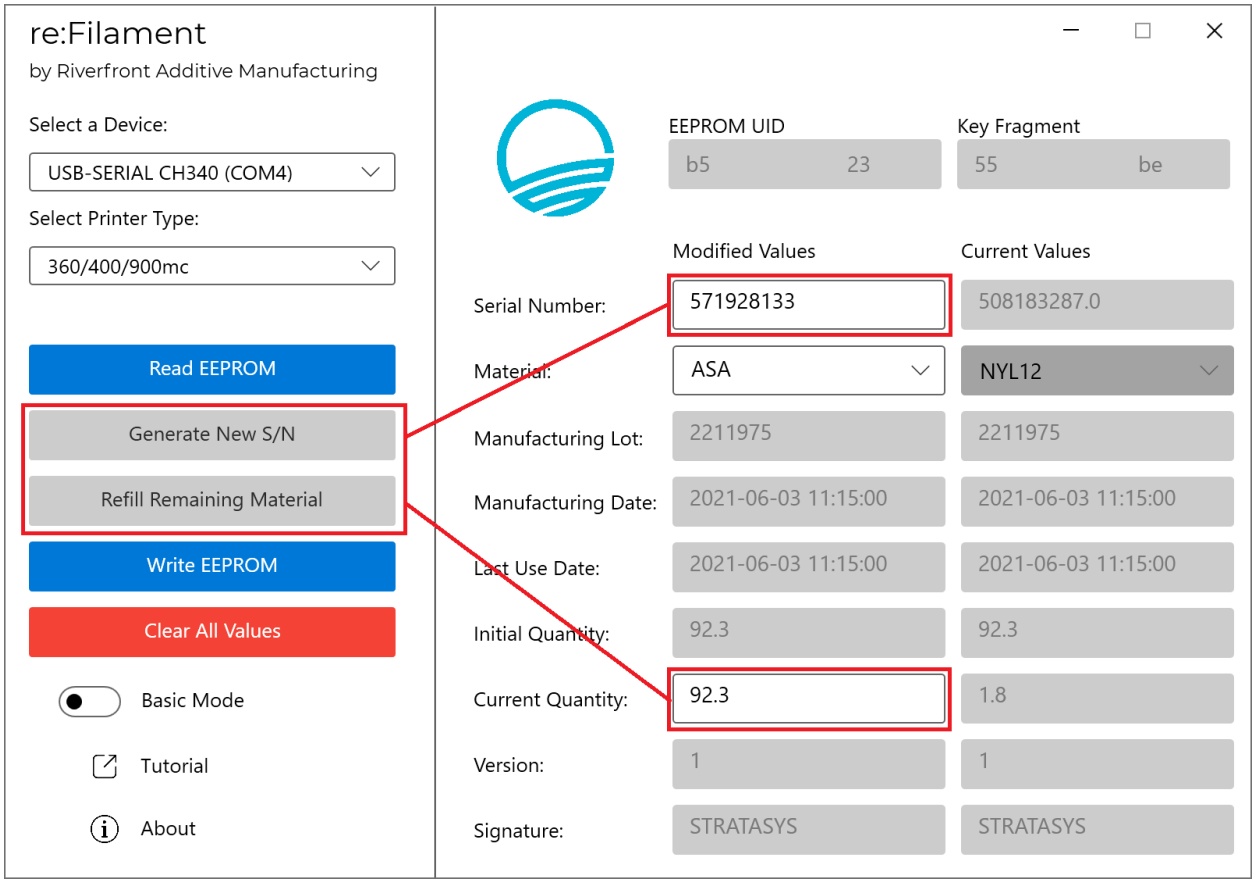
4. Select the correct *"Printer Type"* that corresponds to the chip you have plugged into the refiller device:



5. Click the **[Read EEPROM]** button to populate the *“Modified Values”* and *“Current Values”* columns:

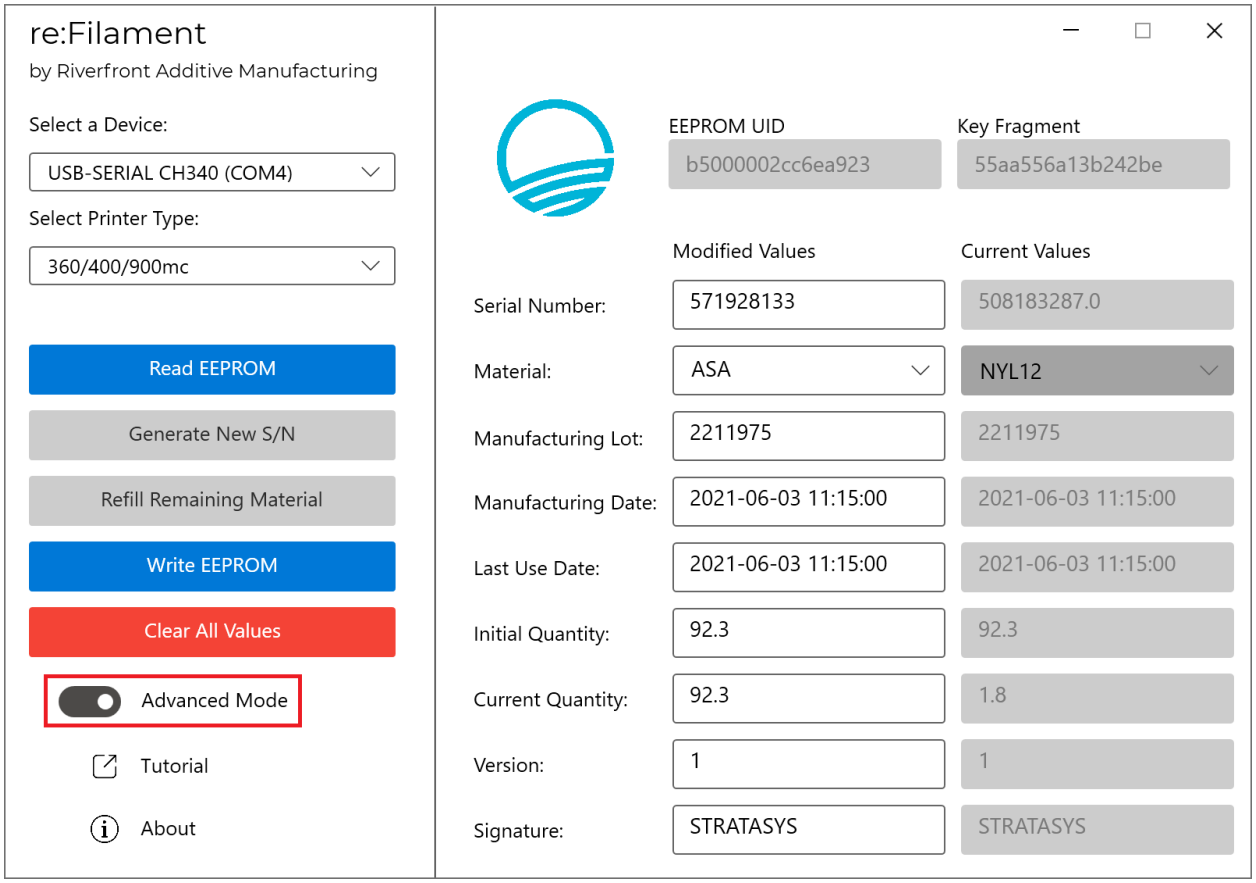


6. You need to generate a new serial number each time you rewrite the chip as the previous serial number is stored directly on the printer to prevent you from using the same chip twice. Afterwards you will need to update the *"Current Quantity"* field to match the *"Initial Quantity"*. You can fill in these fields manually, or you can click the **[Generate New S/N]** and **[Refill Remaining Material]** buttons to do this automatically.

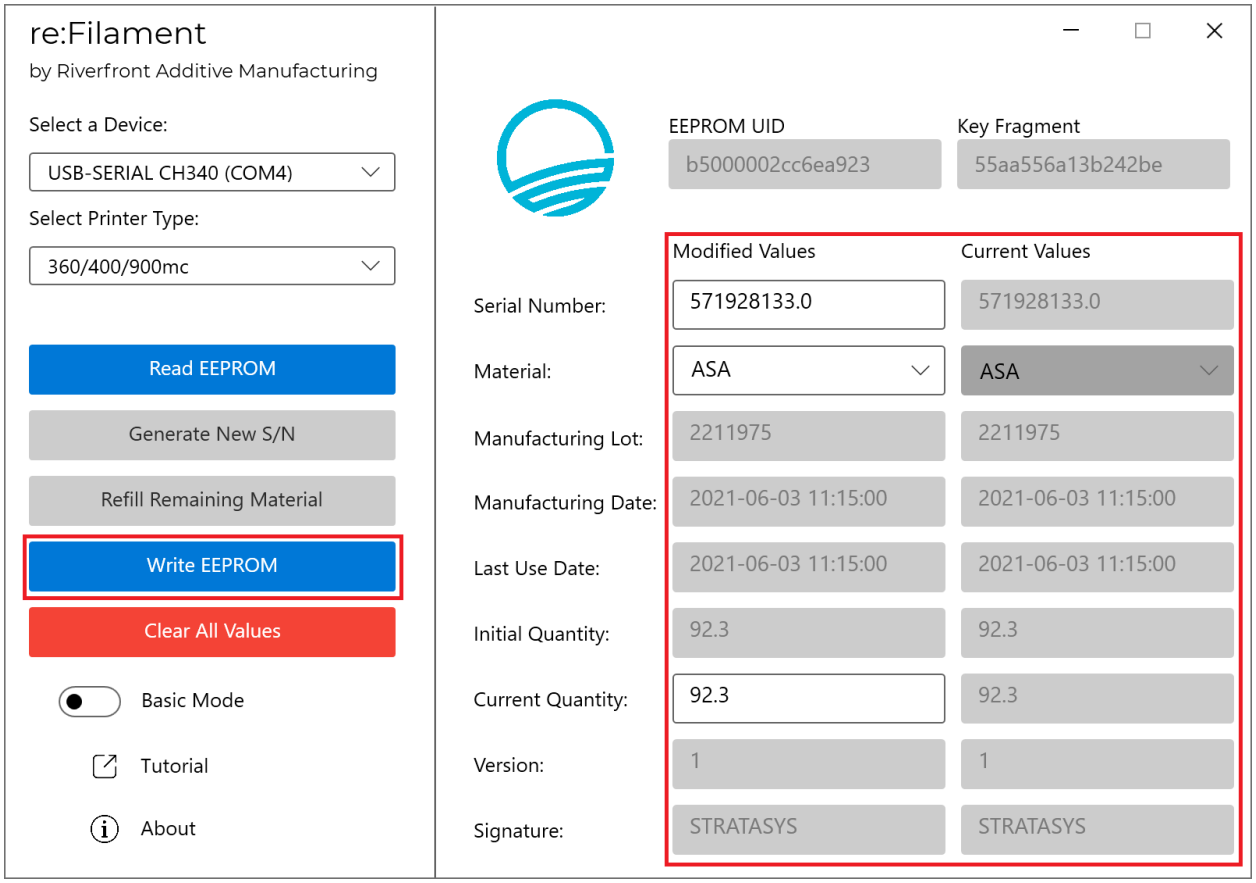


OPTIONAL: You can change the material on the chip if you want by selecting a new material from the *"Material"* drop down (you can change model chips into support and vice versa). In this example we are changing the Nylon 12 chip into an ASA chip.

7. OPTIONAL: If there are other values you want to change, you can toggle **[Advanced Mode]** to allow you to change the other fields. This is not recommended unless you know exactly what you are doing, you only need to change the *“Serial Number”* and *“Initial Quantity”* to successfully rewrite the chip.



8. Click the **[Write EEPROM]** button. All the *"Modified Values"* should now be copied over to the *"Current Values"* column:



9. You have successfully refilled `chip. If you have another chip you want to refill, click the **[Clear All Values]** and repeat steps 5-8.

