



PLAY MIX – 3Doodler

3Doodler Tips + Tricks

Troubleshooting

For technical problems with loading and extruding plastic, plastic sticking to the nozzle or leaking, or with heating and charging, please consult the User Manual.

Tip #1: Always draw on paper, cardstock, or newspaper to protect the surface underneath.

Tip #2: Covering a small area of your work surface with scotch tape helps the plastic stick better when doodling.

Tip #3: Use small pliers or tweezers to remove plastic that sticks to the nozzle. You can also use pliers or tweezers to manipulate the shape or bend of the plastic as it is being extruded. Never touch the nozzle with your fingers.

Tip #4: To start your doodle, squeezing a small blob onto the paper first helps anchor the plastic. Then press the nozzle down onto the paper and draw to continue making the rest of your shape.

Tip #5: To reuse plastic strands, snip off the melted ends after reversing the plastic out of the pen.

Tip #6: Use up or reverse the plastic out of the pen when you want to finish. Don't leave half-melted strands in the pen.

PLA vs ABS

3Doodler suggests you start with ABS plastic and experiment with PLA when you are more confident with the pen.

The two plastics melt at different temperatures.

Temperature settings: ABS cools faster, making it better for drawing in the air. PLA melts at a lower temperature than ABS and takes a little longer to cool, so it can be manipulated with your fingers for a few seconds before it sets.

ABS: good for drawing upwards (straight up in the air), building structures, creating bendable art or jewelry, and peeling off of paper

PLA: good for drawing acute angles, building structures, sticking to paper or glass or ceramic, and creating translucent effects