

Getting Started

ELEMENT



ISED non-interference disclaimer

This device contains licence-exempt transmitter(s)/receiver(s) that comply with Innovation, Science and Economic Development Canada's licence-exempt RSS(s). Operation is subject to the following two conditions:

1. This device may not cause interference.
2. This device must accept any interference, including interference that may cause undesired operation of the device.

This device complies with the Canadian ICES-003 Class A specifications. CAN ICES-003(A) / NMB-003 (A).

L'émetteur/récepteur exempt de licence contenu dans le présent appareil est conforme aux CNR d'Innovation, Sciences et Développement économique Canada applicables aux appareils radio exempt de licence. L'exploitation est autorisée aux deux conditions suivantes :

1. L'appareil ne doit pas produire de brouillage;
2. L'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

Cet appareil numérique de la Canadian ICES-003. Cet appareil numérique de la classe A est conforme à la norme NMB-003 du Canada.

RF Exposure statement

This equipment complies with ISED RSS-102 radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20 cm (7.9 inches) between the radiator and any part of your body. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

Cet équipement est conforme aux limites d'exposition aux radiations ISED CNR-102 établies pour un environnement non contrôlé. Une distance de séparation d'au moins 20 cm doivent être maintenue entre l'antenne de cet appareil et toutes les personnes. Lanceurs ou ne peuvent pas coexister cette antenne ou capteurs avec d'autres.

FCC Compliance Statement

This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense.

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

1. This device may not cause harmful interference, and
2. This device must accept any interference received, including interference that may cause undesired operation. Please note that changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

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RF Exposure statement

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter. In order to avoid the possibility of exceeding the FCC radio frequency exposure limits, this equipment should be installed and operated with minimum distance 20 cm (7.9 inches) between the antenna and your body during normal operation. Users must follow the specific operating instructions for satisfying RF exposure compliance.

Welcome

Element combines flexibility, reliability, and power to offer an industry-leading 3D printing experience. With built-in Palette X technology, Element enables printing in up to 8 colors or materials with a fully automated filament management process.

Using **Canvas**, you can run your organization's entire workflow in a single place, combining ease of use with the most demanding applications. Welcome to the next step in multi-material 3D printing!

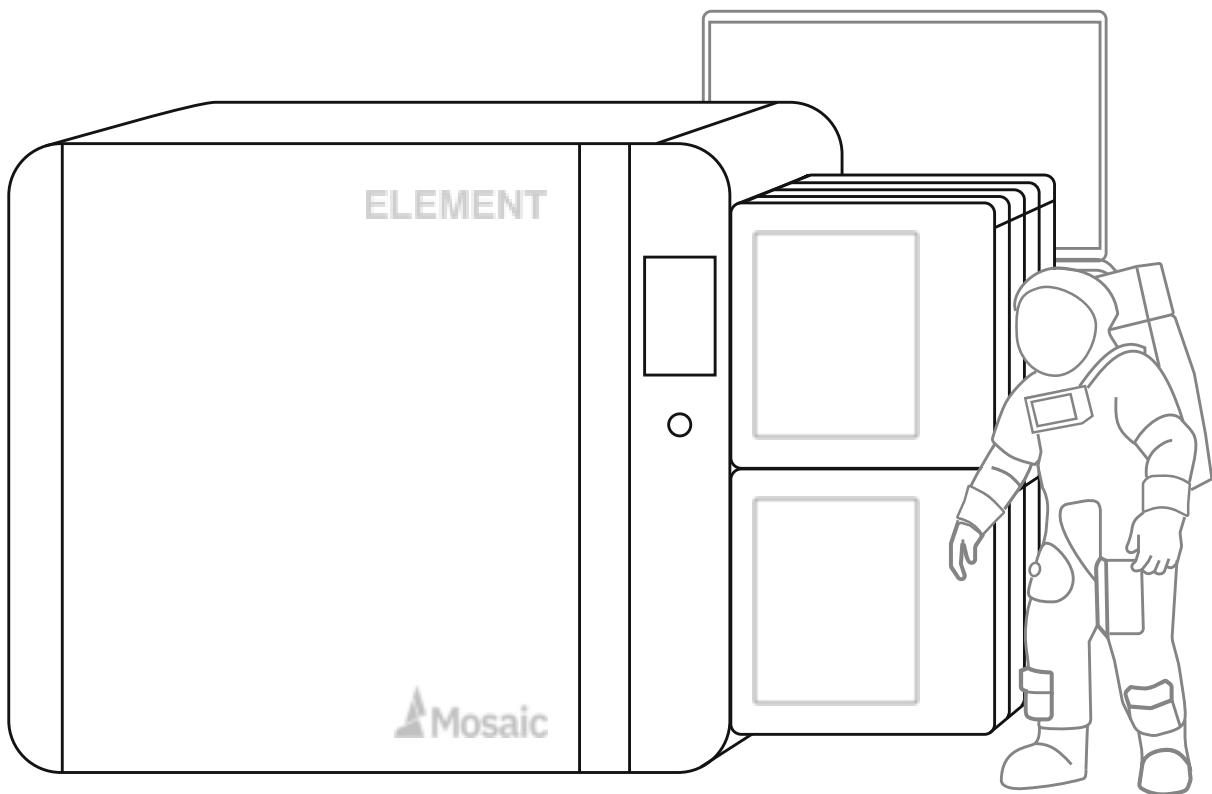


Table of Contents

What's in the Box	1
Safety	5
Setup	6
Print Bed	10
Material Pod	11
First Print	18
Accessory Workflows	23
Transition Container	23
Densifier Brush	24
Print Bed	25
HEPA Filter	25

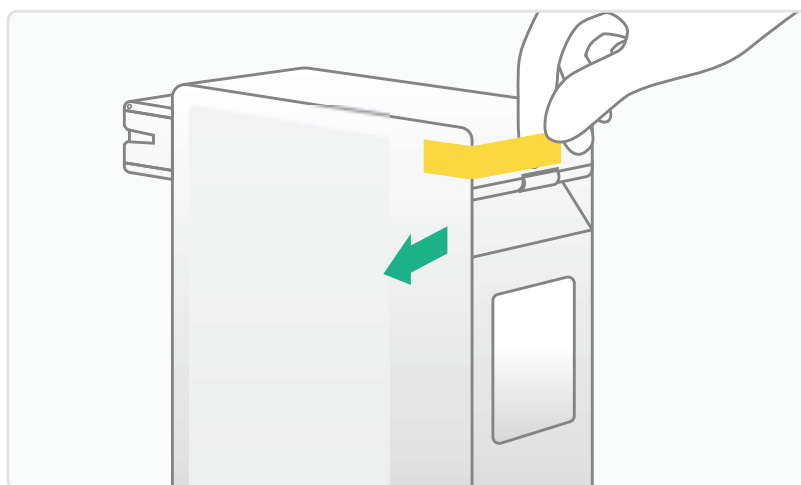


Print Head	26
Hot End	28
Chamber Heater	32
Technical Details	34
Tips and Best Practices	42

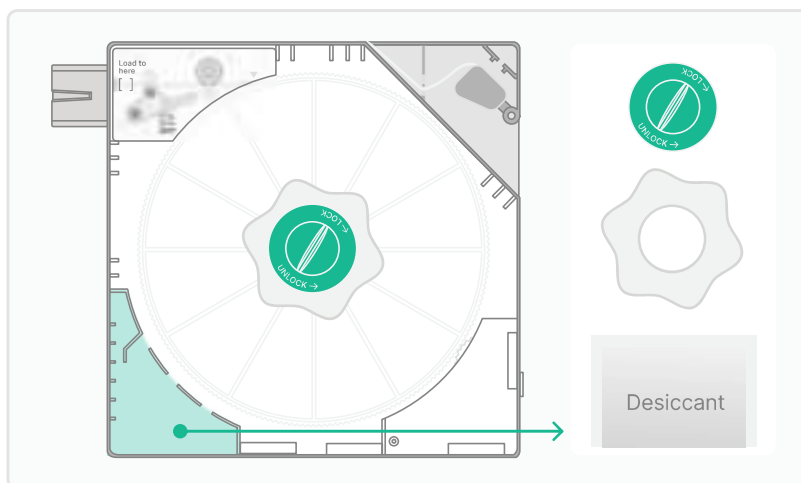


Material Pod

Preparing the Material Pod

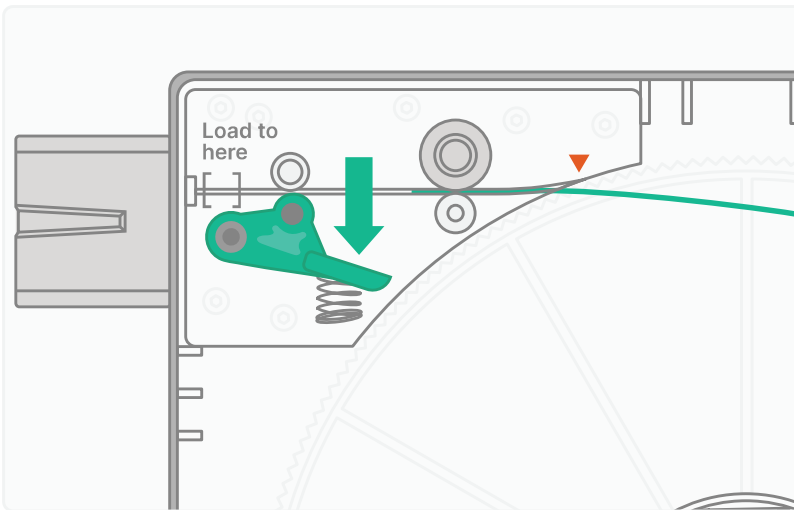


Remove the sticker and open the Material Pod by pulling up on the lid near the handle.



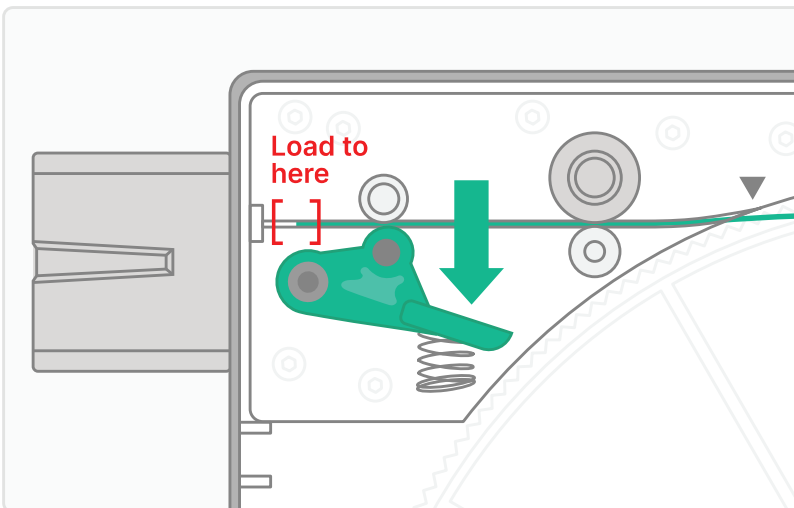
- 1 Remove the green spool lock and white spool locking nut in order to load a new spool (see next page).
- 2 Remove the plastic packaging from the desiccant before putting back in place.

Loading a Spool into the Material Pod

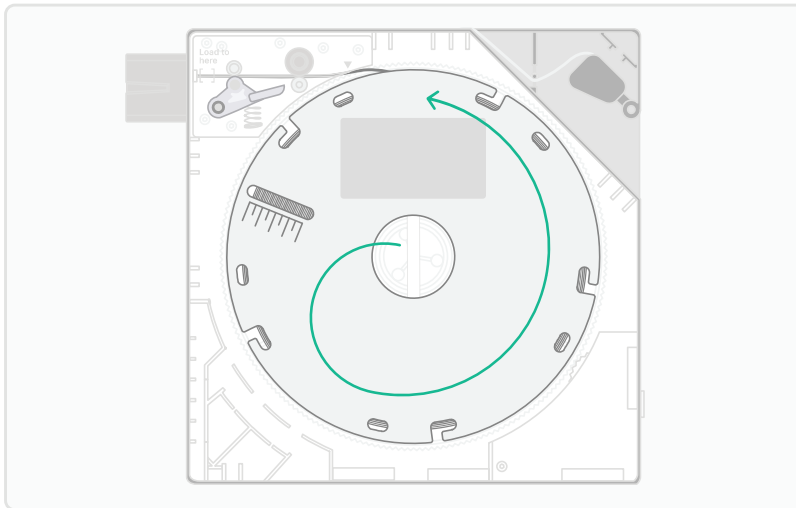


Find the end of the filament and load it into the Material Pod drive system at the spot marked by a triangle (red in the left image). Continue loading while pressing down the green drive arm.

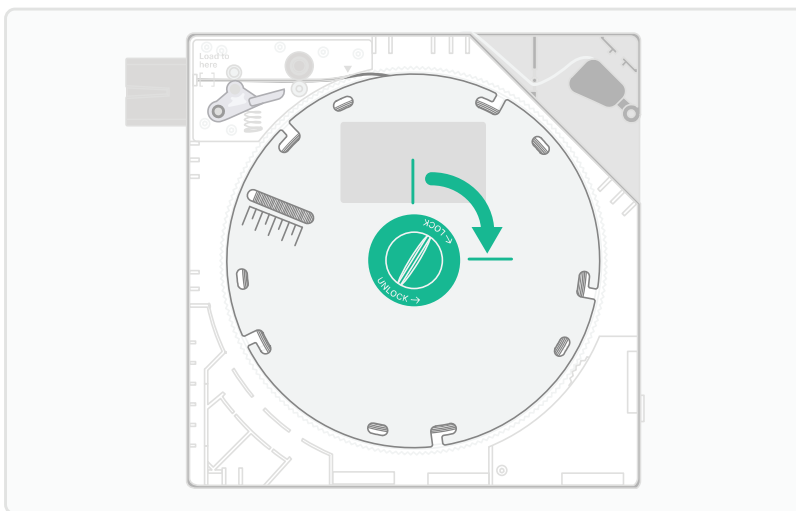
Tip: Pull a bit of extra filament so that there is more slack and room to grip. Press the green drive arm, and wiggle the filament while pushing it past the drive gears.



Insert the filament until the tip is in the "Load to here" area. Ensure it is between the two white lines.

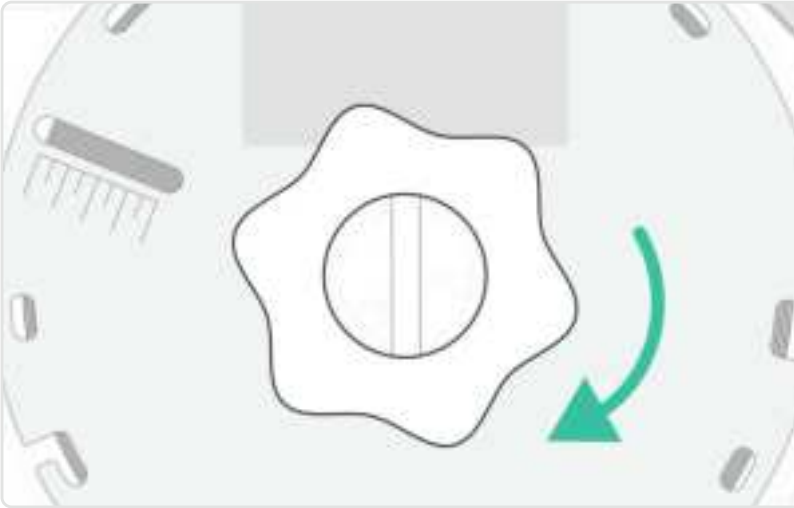


Put the spool into the Material Pod. Ensure that the filament is coming off the spool and towards the drive mechanism in a counter-clockwise direction.



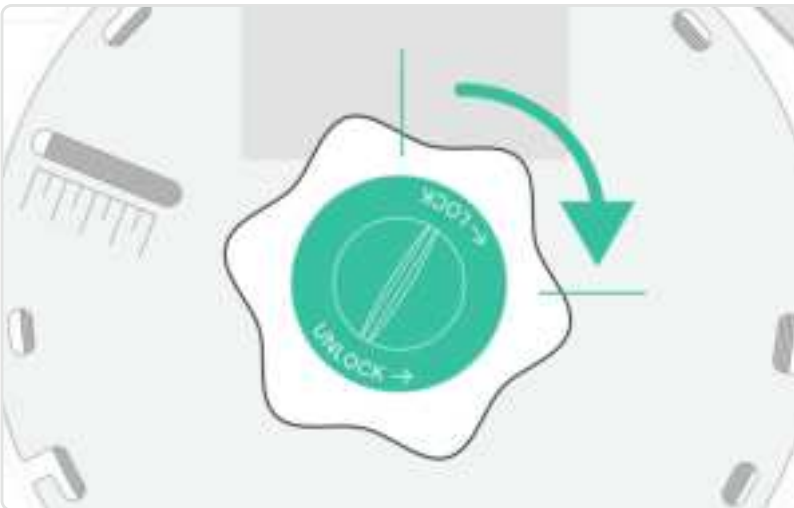
Mosaic Spools

Use one hand to hold the material pod, while placing the green spool lock into the center post of the Material Pod. Turn the green spool lock clockwise a quarter of a turn to secure it in place.

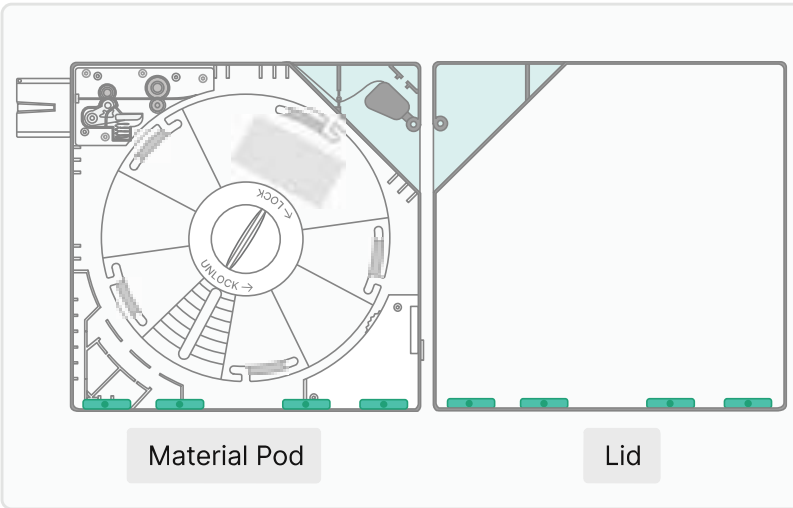


3rd Party Spools

- 1 For 3rd-party spools, place the clear spool locking nut over the center post of the Material Pod, and rotate it clockwise to secure the spool in place. Ensure the nut is turned until it is snug so that the spool and turntable spin together.



- 2 Place the green spool lock over the locking nut. Use one hand to hold the material pod, while placing the green spool lock into the center post of the Material Pod. Turn the green spool lock clockwise a quarter of a turn to secure it in place.

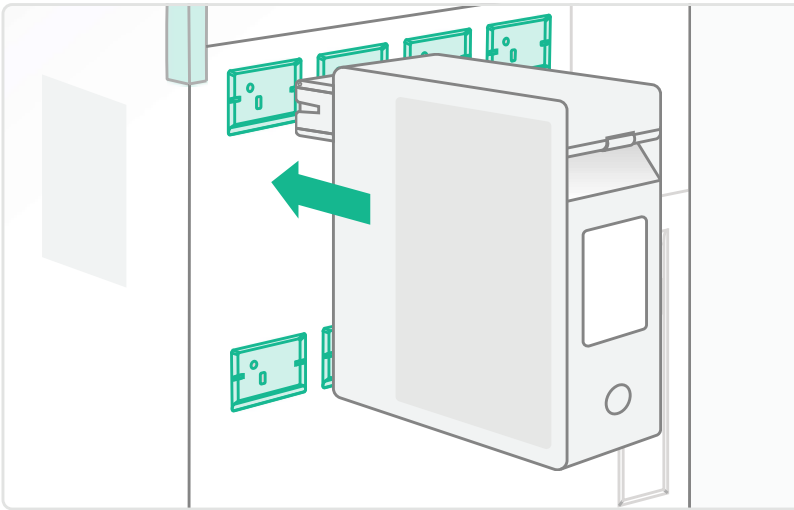


Align the bottom edge of the lid to the magnets on the material pod.

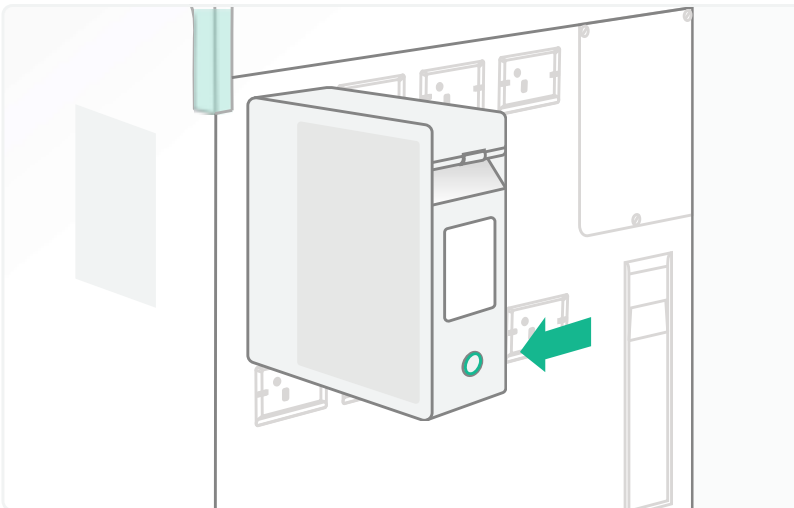


- 1 There is a small corner where there is no ridge on the lid (the light green area in the left diagram), this is a safe spot to hold while closing the lid.
- 2 Secure the Material Pod lid by firmly pressing it into place, ensuring that the outside is flush with the Material Pod on all sides.

Attaching the Material Pod

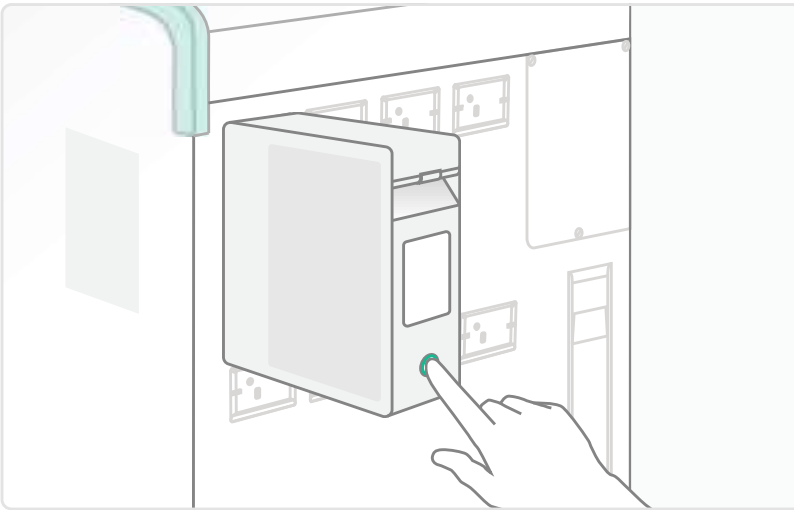


Press the Material Pod outlet into the Element Material Pod receiver until you **hear a "click"**. Use two hands to hold the Material Pod and ensure it is secure before leaving it in place.

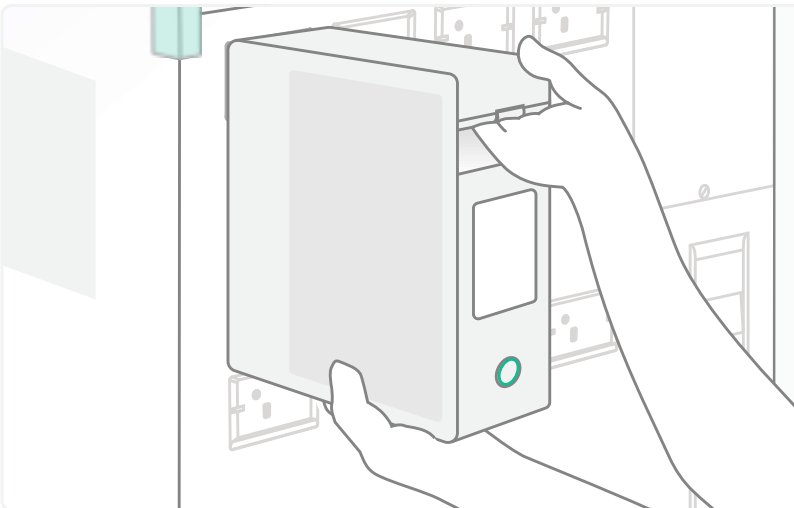


Once detected by Element, the light on the back of the Material Pod will flash green to confirm a successful attachment.

Detaching the Material Pod



To detach, press the button on the back of the Material Pod. The light will turn green when it is ready to be removed.



Holding the base of the Material Pod with one hand, use your free hand to press the lever inside the handle to release the Material Pod, sliding backwards from Element.