



Recycling Best Practices



General Guidelines

Only put non-infectious, non-hazardous rigid plastics in the Beta Carbins. If you're unsure whether something is hazardous or infectious, do not recycle it with Polycarbin.

Hazardous Material

Polycarbin will work closely with your EH&S team to determine what is considered a hazardous material. For reference, consult the RCRA hazardous chemical list [here](#) to identify common reagents to avoid.

If necessary, Polycarbin can recruit the support of third party consultants to develop a protocol for safe recycling in environments with hazardous materials. When in doubt, check the GHS pictogram on the packaging. Never recycle products that depict either of the two symbols below.



Other Non-conformance

Infectious Material (≥BSL2) – The Beta Carbins are not designed to receive untreated ≥BSL2 material. Please contact us at info@polycarbin.com if you have questions about deactivation.

Soft Packaging – The Beta Carbins are designed for rigid plastics only. Please avoid disposing of flexible-packaging in our Beta Carbins. We offer a separate service for these specific materials. Learn more [here](#).

Municipal Plastics – The Beta Carbins cannot accept municipal plastic waste. If food packaging ends up in our Carbins, it will not be recycled.

Fibrous Waste – The Beta Carbins cannot accept fibrous material like cardboard, Kimwipe, or paper waste. These contaminants will ultimately reduce recycling rates.

Latex, Nitrile, & Silicone – The Beta Carbins cannot accept rubber, nitrile gloves, or silicone. Please do not throw any of these materials in our Beta Carbin. For nitrile glove recycling, learn more [here](#).

Metal – Polycarbin cannot recycle metal. In fact, metal products destroy delicate equipment in Polycarbin's sorting platform and can result in service delays or even a complete termination of services.



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Recycling Clear Plastics

Clear Plastic Polymers

#1 – Polyethylene Terephthalate (PET)

#5 – Polypropylene (PP)

#6 – Polystyrene (GPPS)

Clear Plastic Product Examples

Pipette Tips – Filtered & Non-Filtered

Pipette Tip Box Lids

Clear Pipette Tip Boxes

15 & 50 mL Conicals

96 & 384 Well Plates

PCR Strips

Microcentrifuge Tubes

Serological Pipettes (w/ cotton)

Cell Culture Plates

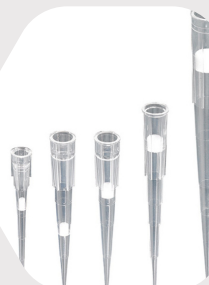
Petri Dishes

Clear Pipette Tip Boxes

Filter Units

Needleless syringes

Cryotubes



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Recycling Color Plastics



Color Plastic Polymers

#2 - High Density Polyethylene (HDPE)

#5 - Polypropylene (PP)

Color Plastic Product Examples

Pipette Tip Boxes

Pipette Tip Grids

White & Black 96 Well Plates

White & Black 384 Well Plates

Chemical Bottle Caps

Conical Tube Trays

Conical Tube Racks

Semi-color MCTs

Brown Chemical Bottles (Rinse)

White Chemical Bottles (Rinse)

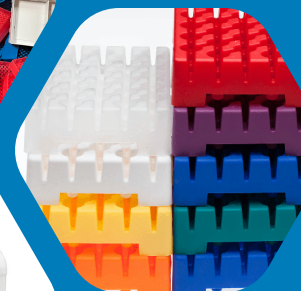
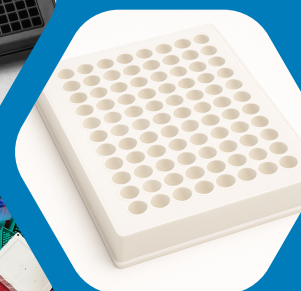
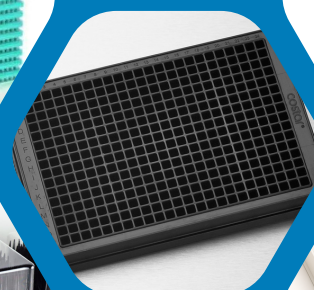
Cryo-storage containers

Assay Cartridges

Chemical Bottles (HDPE)

Liquid Automation Tips

Liquid Automation Racks



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