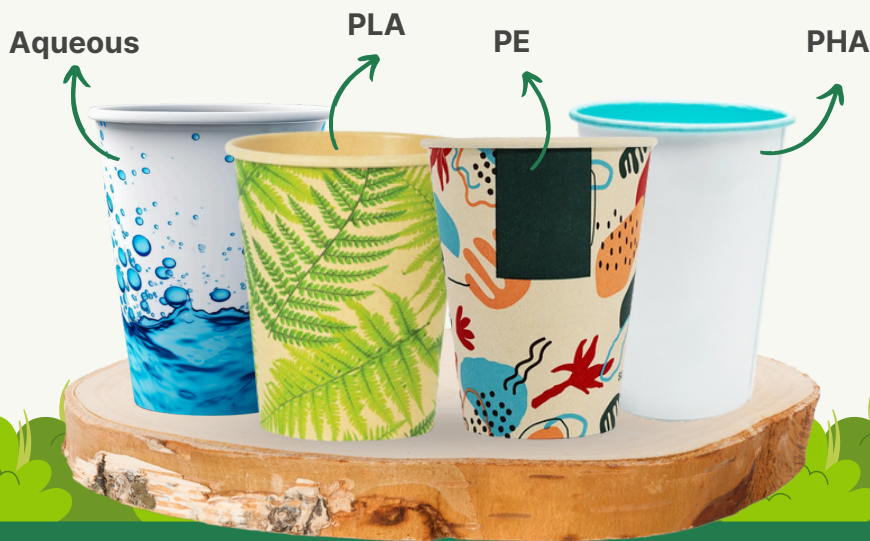


# ree

## Paper Cup Types

The major types of paper cups ranked based on their circularity



### PHA

PHA is a **plant-based polymer** that biodegrades in the environment within 3 years.



- Primary Source: **Renewable Canola Oil**
- Industrially Compostable: **Yes**
- Home Compostable: **Yes**
- Potentially Marine Degradable: **Yes**
- Shelf Life: TBA

### PLA

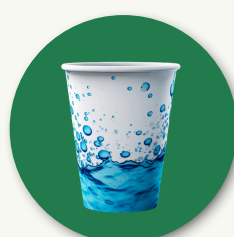
The lining is made from **plant based Polylactic Acid**, which can go into industrial composting.



- Primary Source: **Renewable Corn Starch**
- Industrially Compostable: **Yes**
- Home Compostable: **No**
- Potentially Marine Degradable: **No**
- Shelf Life: 12 Months

### Aqueous

A **water-based polymer** coating is applied to the inside of the cup, which contains a small amount of plastic



- Primary Source: **Fossil Fuel**
- Industrially Compostable: **Yes**
- Home Compostable: **Yes (Not all brands)**
- Marine Degradable: **No**
- Shelf Life: 12 months

### PE Lined

The thin lining is made from LDPE, which is not compostable or recyclable through the usual channels.



- Primary Source: **Fossil Fuel**
- Industrially Compostable: **No**
- Home Compostable: **No**
- Marine Degradable: **No**
- Shelf Life: 2+ Years