Clearth

PRODUCT CATALOGUE · 2026

PLA & CPLA PACKAGING

Packaging made from plants.

Food-service and specialty packaging in PLA and CPLA, thermoformed and injection moulded in India, and certified compostable to ISO 17088.

ISO 17088
Certified for industrial composting

Hot & cold ranges
Clear PLA for cold, CPLA for up to 100°C

Made in India
Supplying in India and Globally



enquiry@ecovate.co

WHO WE ARE

Plant-based packaging, made in India.

Clearth is the packaging brand of Ecovate Ventures Pvt. Ltd. We have worked with PLA since 2019 and make every product in our own factory in Samba, Jammu & Kashmir, and Pune, Maharashtra with thermoforming and injection moulding. Our aim is simple: replace single-use plastic with packaging that performs just as well and is made to be composted.

Home-compostable solutions for brands
Beyond industrial compost, we can develop packaging that brands' customers can compost at home.



2019
Working with PLA since

ISO 17088
Certified for industrial composting

2 processes
Thermoforming and injection moulding

In-house
Design, prototyping and production

OUR MISSION

To change the way the world consumes and disposes of products, with compostable alternatives that cut plastic waste.

And to help people and businesses make that switch with confidence.

HOW CLEARTH WORKS

From plant to compost.

Every Clearth product starts as a plant and is designed to end as compost. Here is the full cycle, and how we turn one material into two that handle cold and hot food.



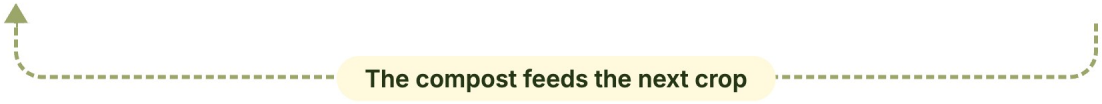
STEP 1
Plant sugars
Starch from renewable crops such as sugarcane.

STEP 2
Lactic acid
The sugars are fermented into lactic acid.

STEP 3
PLA resin
Lactic acid is polymerised into PLA, a plant-based bioplastic.

STEP 4 · CLEARTH
Packaging
We thermoform and injection mould it in our own factory.

STEP 5
Industrial compost
Breaks down into water, CO_2 and biomass. Certified to ISO 17088.



Two materials, two jobs.

PLA · Cold use

Clear PLA

Glass-clear and rigid. Shows off the food inside.

Temperature	**Cold and ambient · freezer-safe**
Appearance	**Transparent**
Used for	**Clear containers, thalis, straw-cut lids, bottle preforms**

CPLA · Hot use

Crystallised PLA (CPLA)

PLA crystallised during processing so it keeps its shape with hot food.

Temperature	**Up to 100°C · microwave-safe**
Appearance	**Opaque white**
Used for	**Opaque containers, portion containers, sipper lids**

Thermoforming
Heated sheet is formed into containers, thalis and trays.

Injection moulding
Molten resin is moulded into bottle preforms and closures.

Composting claims refer to industrial composting facilities.

SIX CATEGORIES

The range at a glance.

MATERIAL KEY CPLA Opaque · hot food up to 100°C PLA Cold and ambient food



01 Food Containers

Round and rectangular, 300 to 1,000 ml · portion containers 90 and 180 ml

CPLA PLA pp. 05–08



02 Lids

Sipper, straw-cut and paper-bowl lids, 80, 90, 110 mm

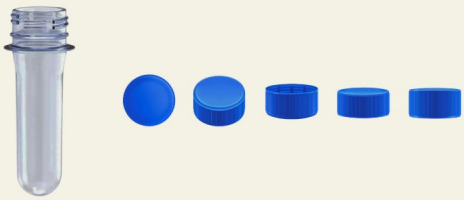
CPLA PLA p. 09



03 Thalis

5- and 8-compartment meal trays

PLA p. 10



04 Preforms & Caps

250 and 500 ml bottle preforms · 28 mm caps

PLA p. 10

05 Medical & Pharma

Pharmacy vials, specimen containers, medical trays

PLA p. 11

06 Consumer Goods

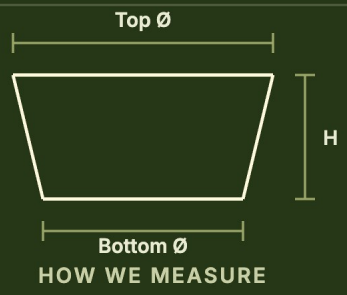
Custom packaging for consumer brands, including home-compostable options

Made to order p. 11

Need a size or shape not listed? We design custom moulds; see p. 12.

Round Containers.

CPLA Opaque white · for hot food up to 100°C



HOW WE MEASURE

Microwave-safe · Freezer-safe · Leakproof lid · Stackable · ISO 17088 compostable

Four sizes, each sold with its lid

Dimensions in mm · lid 0.22 mm thick

BWCO300ML



300 ml 10.1 oz — 11.7 g / pc

Top Ø	136	Bottom Ø	109.9
Height	40.5	Wall	0.32

Box: 600 + 600 lids · 660 × 560 × 410 mm · 0.152 m³

BWCO500ML



500 ml 16.9 oz — 13 g / pc

Top Ø	136	Bottom Ø	106
Height	62.5	Wall	0.40

Box: 600 + 600 lids · 660 × 560 × 410 mm · 0.152 m³

BWCO750ML



750 ml 25.4 oz — 15.4 g / pc

Top Ø	136	Bottom Ø	100.7
Height	93	Wall	0.55

Box: 600 + 600 lids · 660 × 560 × 410 mm · 0.152 m³

BWCO1000ML



1,000 ml 33.8 oz — 19.3 g / pc

Top Ø	154	Bottom Ø	114.6
Height	93.5	Wall	0.55

Box: 600 + 600 lids · 720 × 450 × 600 mm · 0.194 m³



PLA **Serving cold food?**

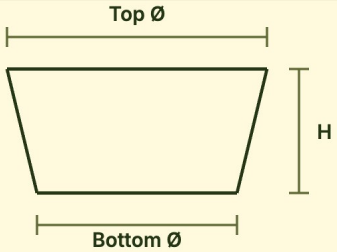
The same four sizes come in clear PLA for salads, desserts and chilled dishes.

See p. 06 →

Weights per piece. Custom sizes on request.

Round Containers.

PLA Clear · for cold and ambient food



HOW WE MEASURE

Crystal clear · Freezer-safe · Leakproof lid · Stackable · ISO 17088 compostable

Four sizes, each sold with its lid

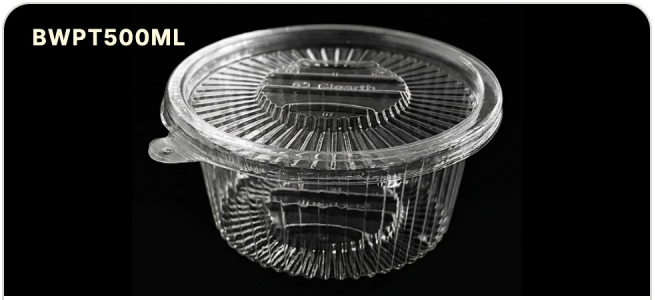
Dimensions in mm · lid 0.22 mm thick



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Height	93	Wall	0.55

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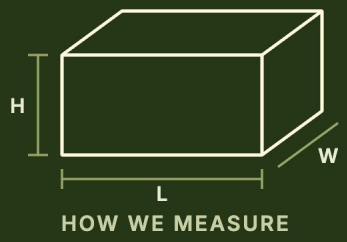
CPLA **Serving hot food?**
The same four sizes come in CPLA, for food up to 100°C and the microwave.

See p. 05 →

Weights per piece. Custom sizes on request.

Rectangular Containers.

CPLA Opaque white · for hot food up to 100°C



HOW WE MEASURE

Microwave-safe · Freezer-safe · Leakproof lid · Stackable · ISO 17088 compostable

Three depths, one footprint

Dimensions in mm · lid 0.22 mm thick



500 ml 16.9 oz

L × W	180 × 126
Height	41.8
Wall	0.37
Weight	18.2 g

Box: 600 + 600 lids
560 × 560 × 520 mm · 0.163 m³



750 ml 25.4 oz

L × W	180 × 126
Height	59.3
Wall	0.45
Weight	23.3 g

Box: 600 + 600 lids
560 × 560 × 520 mm · 0.163 m³



1,000 ml 33.8 oz

L × W	180 × 126
Height	77.3
Wall	0.50
Weight	25.6 g

Box: 600 + 600 lids
560 × 560 × 520 mm · 0.163 m³

Portion containers CPLA Opaque white · for dips, chutneys and sauces



CLCO90ML

90 ml 3.0 oz

78 × 78 × 40 mm
Wall 0.32 mm · 5 g / pc

Box: 1,000 + 1,000 lids



CLCO180ML

180 ml 6.1 oz

115.5 × 86.5 × 40 mm
Wall 0.32 mm · 8.1 g / pc

Box: 1,000 + 1,000 lids



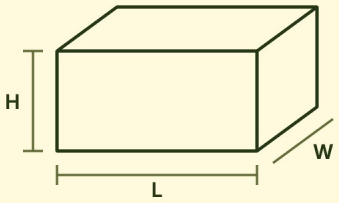
PLA **Serving cold food?**
The three rectangular sizes also come in clear PLA.

See p. 08 →

Weights per piece. Custom sizes on request.

Rectangular Containers.

PLA Clear · for cold and ambient food

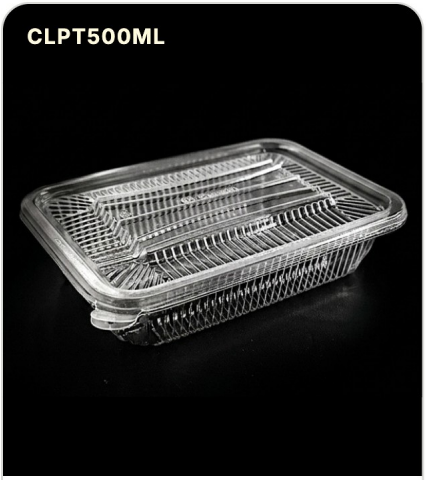


HOW WE MEASURE

Crystal clear · Freezer-safe · Leakproof lid · Stackable · ISO 17088 compostable

Three depths, one footprint

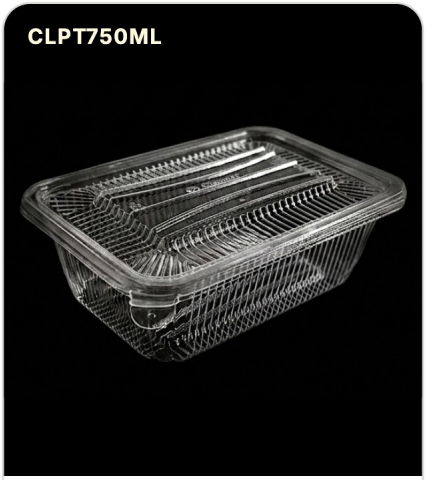
Dimensions in mm · lid 0.22 mm thick



500 ml 16.9 oz

L × W	180 × 126
Height	41.8
Wall	0.37
Weight	18.2 g

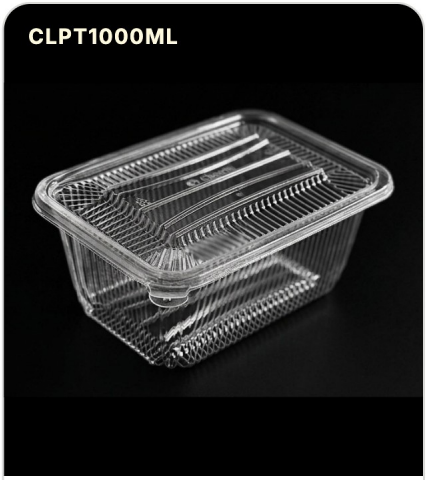
Box: 600 + 600 lids
560 × 560 × 520 mm · 0.163 m³



750 ml 25.4 oz

L × W	180 × 126
Height	59.3
Wall	0.45
Weight	23.3 g

Box: 600 + 600 lids
560 × 560 × 520 mm · 0.163 m³



1,000 ml 33.8 oz

L × W	180 × 126
Height	77.3
Wall	0.50
Weight	25.6 g

Box: 600 + 600 lids
560 × 560 × 520 mm · 0.163 m³

Best for Salads · Cut fruit · Desserts · Bakery · Chilled meals



CPLA **Serving hot food?**
The same three sizes come in CPLA, for food up to 100°C.

See p. 07 →

Weights per piece. Custom sizes on request.

Lids.

CPLA PLA For cups and paper bowls

Sipper and straw-cut lids in 80 and 90 mm, and a 110 mm lid for paper bowls.
Sizes are lid diameters.

Four lids

Weights per piece

LDCO80MM — CPLA



80 mm Sipper lid — **2.5 g / pc**

Colour **Opaque** Thickness **0.29 mm**

Box: 2,000 lids · 520 × 345 × 420 mm · 0.075 m³

LDCO90MM — CPLA



90 mm Sipper lid — **3.3 g / pc**

Colour **Opaque** Thickness **0.29 mm**

Box: 2,000 lids · 490 × 380 × 465 mm · 0.086 m³

LDPT90MM — PLA



90 mm Straw-cut lid — **2.5 g / pc**

Colour **Clear** Thickness **0.22 mm**

Box: 2,000 lids · 490 × 380 × 465 mm · 0.086 m³

LDPT110MM — CPLA PLA



110 mm Paper-bowl lid — **4.8 g / pc**

Colour **Clear / opaque** Thickness **0.29 mm**

Box: 1,000 lids · 580 × 460 × 280 mm · 0.074 m³

Your brand on every lid

White labelling with your logo · Custom colours · Lids to fit your cups

See p. 12 →

Composting claims refer to industrial composting facilities.

Thalis, Preforms & Caps.

PLA Thalis · up to 75°C PLA Preforms · water bottles

03 Thalis

Meal trays for full Indian meals



SKU TH5CP

5-compartment

Size	303 × 228 × 35 mm
Box	400 pcs



SKU TH8CP

8-compartment

Size	303 × 228 × 35 mm
Box	400 pcs

04 Preforms & Caps

Injection moulded in our own factory



Bottle preforms PLA

250 ml bottle	8 g
500 ml bottle	10 g

Preform weight shown. Blown into clear water bottles.



Ribbed bottle caps PLA

28 mm	3-star neck
Colours	white / custom

Custom layouts and moulds on request; see p. 12.

BEYOND FOOD SERVICE

Medical, pharma & consumer goods.

The same PLA technology, applied to healthcare and consumer brands, where precision, hygiene and material safety matter most.

05 Medical & Pharma

PLA components and packaging for healthcare.

- Pharmacy vials
- Urine sample containers
- Measuring cups for syrups
- Thermoformed medical trays
- Medical packaging components
- Disposable medical products

06 Consumer Goods

Custom PLA packaging for consumer brands, made to your design.

- Cosmetics Packaging Bottles/Containers
- Consumer Electronics Trays and Inserts
- Moulded Trays, Tubs, etc.
- Caps and Closures

Home-compostable options
We can also develop home-compostable solutions for brands whose packs will be composted at home.

Tell us what you need to pack.
Full specifications for each product on request.

enquiry@ecovate.co

MADE FOR YOUR BRAND

Need a custom solution?

If the size or shape you need is not in this catalogue, we can design it. Our PLA products are made in India, commercially viable and scalable, and quality tested to meet your sustainability goals.

1 **Design** — 2 **Prototype** — 3 **Manufacture** — 4 **Deliver**

GET IN TOUCH

Let's connect.

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