

CIRCULAR RAW MATERIALS: SEMI-FINISHED SHEETS



BIO-BASED.

WASTE-DERIVED.

PURPOSE-DRIVEN.

OUR CIRCULAR SHEET COLLECTION

Each of our material sheets is crafted from organic waste streams like citrus peels, coffee grounds, and banana fibers. These semi-finished bio-based sheets are ideal for makers, designers, and manufacturers interested in circular materials.



GRAPEFRUIT TEXTURED GRADIENT SHEET



GRAPEFRUIT MATTE SHEET



GRAPEFRUIT TEXTURED SHEET



BANANA MATTE SHEET



ORANGE TRANSLUCENT TEXTURED SHEET



LEMON MATTE SHEET



TRANSLUCENT MATTE SHEET



TRANSLUCENT GLOSS SHEET



COFFEE THIN TEXTURED SHEET



COFFEE MATTE SHEET



COFFEE-LIGHT SHEET



COFFEE GLOSS SHEET



COMPOSTABLE



CUTTABLE



PIGMENTABLE



FLEXIBLE



VERSATILE

SEMI-FINISHED BIO-BASED SHEETS

Ecosphere Organics' Semi-Finished Bio-Based Sheets offers manufacturers and designers a raw, structurally stable foundation for sustainable production, prototyping, and product development. Supplied without coatings or treatments, the sheets are intended to be shaped, finished, or customized by the end user based on their specific application needs.

SPECIFICATIONS ACROSS ALL MATERIALS

Available Sizes (material dependent)	16" x 24", 12" x 16", 12" x 10" (custom cuts and uncut formats available)
Thickness	0.5–6 mm (custom thickness available)
Flexibility Range	Flexible - Semi-Rigid - Rigid
Composition	30–70% organic waste, remaining are natural additives & binders
Color	Varies depending on feedstock
Water Resistance	Low - Medium
Compostability	Industrial or home compostable

HIGH ORGANIC CONTENT

CUSTOMIZABLE BY END USERS

NO COATINGS OR SEALANTS APPLIED

SUPPORTS CIRCULAR MANUFACTURING GOALS

VISIBLY NATURAL AESTHETIC





COFFEE MATERIAL

Sample Use Cases

Cardholder by A.Vero
Material: Matte and Semi-Gloss Coffee
Semi-Finished Sheets



Textile dyeing & designs by Quetarshe Textiles
Material: Coffee Pigments & Semi-Finished
Sheets for bag trim



Tags, Keychains,
Patches, and Coasters,
manufactured in-house
by Ecosphere Organics
Material: Coffee Matte
Semi-Finished Sheets



Bucket Hat by Blight Hernandez
Material: Coffee Gloss Semi-Finished Sheets

FREQUENTLY ASKED QUESTIONS

2025

What are Ecosphere Organics' sheet materials made from?

Our sheets are made from upcycled organic waste streams like coffee grounds, citrus peels, banana fibers, and other bio-based byproducts. Each material is designed to highlight the natural texture, color, and composition of its source ingredients.

What does “semi-finished” sheet mean?

“Semi-finished” means our sheets are not coated, sealed, or chemically finished — they are raw-form materials pressed into usable panels. This allows maximum flexibility for downstream use such as cutting, dyeing, forming, or coating based on your needs.

Are your sheets compostable or biodegradable?

Yes, all sheets are made from organic, non-toxic ingredients and are compostable & biodegradable.

Can I customize the texture, thickness, or color?

Absolutely. Custom orders can be produced to meet specifications including thickness, particle size, color additives (natural pigments), and surface texture. Please contact us for minimums and lead time.

How do I order samples or full-size sheets?

You can request a sample kit by contacting our team directly. For full-size or custom sheet orders, please inquire for pricing, availability, and MOQs.

Can these sheets be laser cut or molded?

Yes. Depending on the material type and thickness, many of our sheets can be laser cut, CNC-routed, thermoformed, or die cut. While several sheets are still in the prototyping stage, we're happy to recommend specific sheets based on your intended application.



Ecosphere
Organics



CONTACT US

ORDERS, PARTNERSHIPS, SAMPLES, & MORE INFO

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