RECYCLED & CIRCULAR STRETCH FILM

Developed with EU PPWR requirements in view

60% PCR stretch film for everyday pallet wrapping

From used film to useful film—again.

60%	READY	CIRCULAR
PCR content	Trial in operation	Waste back in use

Turn used stretch film back into working packaging

A circular story your teams and customers can see.

We recover used stretch film, recycle it into PCR feedstock, and convert it into new pallet wrap for day-to-day logistics.

Turn an existing waste stream into documented circular action—easy to communicate across operations, procurement and sustainability reporting.

Less waste

Traceable circularity

Customer-ready story

60% PCR, developed for real-world handling

Pilot first: validate performance in your own operation.

60% post-consumer recycled content

Made with 60% recovered post-consumer film to reduce virgin-plastic demand while targeting practical wrapping performance. Qualification starts with samples under your operating conditions.

See PPWR context on slide 7

60%

PCR content

PRACTICAL

Trial in your operation

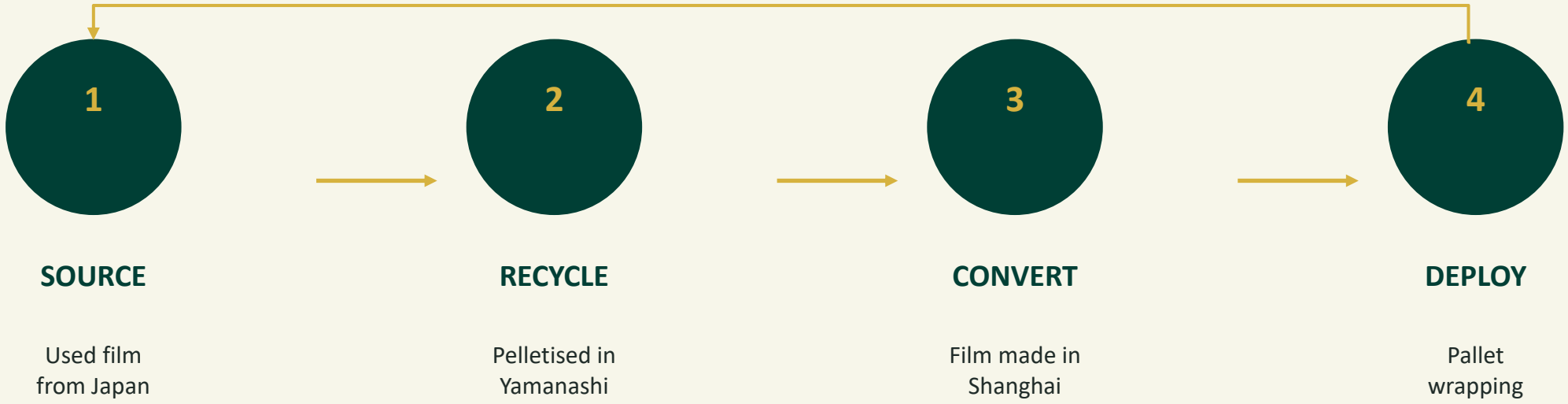
AVAILABLE FORMATS

Thickness	Width	Length	Rolls / case
10 µm	500 mm	600 m	6
12 µm	500 mm	500 m	6
15 µm	500 mm	300 m	6

A transparent chain—from Japanese waste to new film

Each stage is clear, from collection through conversion and use.

MAH FACTORY coordinates stages 1 and 3.



A clear chain from Japanese waste film to a new logistics product.

After use, follow the applicable local collection and recycling route.

Controlled PCR feedstock, made in Yamanashi

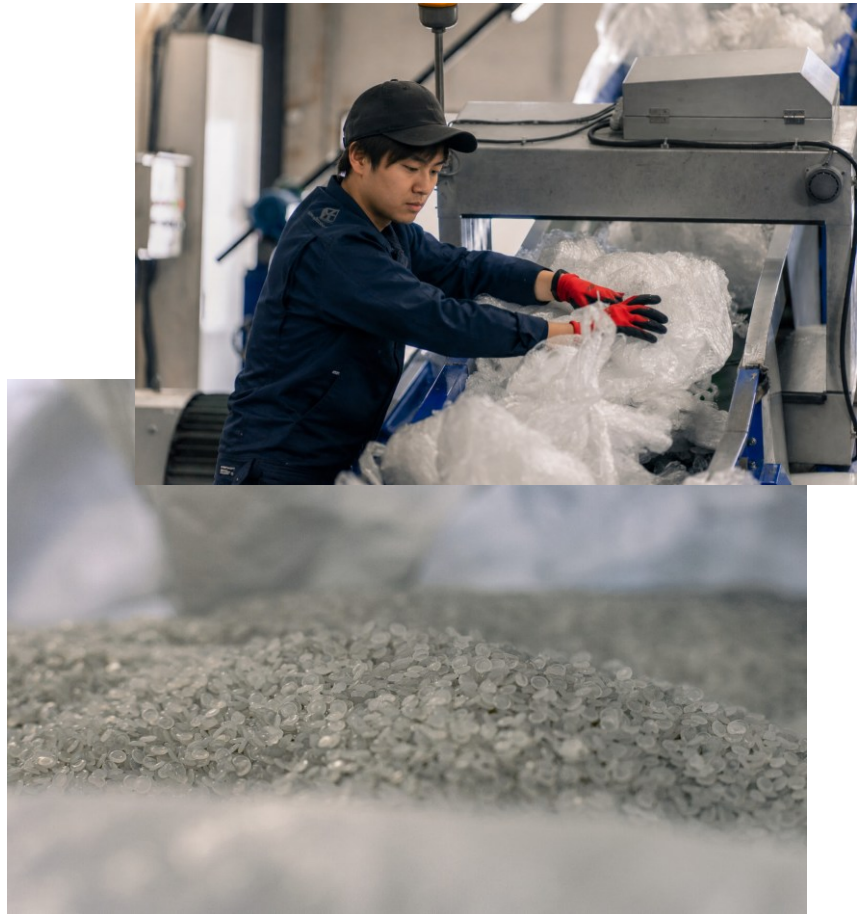
Collection and recycling stay close to the source.

With support from waste generators, collected film is sorted to remove contaminants, then recycled into the pellets that determine final film quality.

ORIGIN

We manage collection and recycling in Japan to reduce variability and support traceability.

100% of the PCR feedstock used for this film is produced in Yamanashi, Japan.



Yamanashi facility; person digitally edited.

Partner film production in Shanghai

The formulation is tuned around PCR—not treated as an afterthought.

60% PCR is blended with virgin resin and converted at our partner facility in Shanghai.

Process settings are managed around recycled-feedstock behaviour to target consistent winding and handling in pallet operations.

PRACTICAL

Formulation and film-making conditions are adjusted to the actual PCR feedstock—not to an idealised virgin-resin baseline.

Actual partner facility.

60% PCR: a strong starting point for PPWR readiness

25 percentage points above the 2030 reference level.*

A clear 60% PCR declaration gives procurement and sustainability teams a concrete metric for customers, internal reporting and supplier dialogue.

≈40% lower feedstock-related CO_2e † with 60% PCR

Japan-origin PCR creates a stronger evidence trail. For EU placement, verification and technical documentation will be aligned with the final methodology for third-country material.

† Indicative resin-stage estimate vs virgin resin; excludes collection, transport and conversion. Not a product footprint.

***PPWR context**

Regulation (EU) 2025/40 generally applies from 12 Aug 2026.
For “other plastic packaging”, Article 7 sets 35% PCR from 2030 (plant/year average).
Third-country PCR needs equivalent collection/recycling conditions, verification and technical documentation.
Final applicability depends on product classification and subsequent EU acts.

What to expect from a 60% PCR film

Sample validation before rollout.

Compared with virgin film, PCR-rich film may differ in clarity and appearance. These are normal characteristics of recycled feedstock—not hidden defects.

TYPICAL DIFFERENCES

- Slight haze
- Small specks or colour variation
- Some lot-to-lot appearance variation

Virgin film
15 µm

60% PCR
15 µm

Validate transparency, unwinding, stretch, strength and operator acceptance with a small trial in your own operation.

Start with a sample and a real-use trial

Share your load profile and wrapping method—we will define the right sample trial.

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Recycled stretch film for circular logistics

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