

# Flow Wrap Film — Clear, Food-Grade

Clear BOPP Polypropylene · 30 micron · 60–90mm machine reels · Revision date: 4th June 2026



## MATERIAL

30 micron food-grade clear BOPP (polypropylene)

## FORMAT

Continuous reels, approx. 2,000m, machine cores

## WIDTHS

60, 70 & 75mm stocked — range to 90mm

## USE

Flow-wrappers, bagging machines & hand wrapping

## 1 Product Overview

- Yolli flow wrap film is a high-clarity, food-grade BOPP (biaxially-oriented polypropylene) film for flow-wrapping machines, automatic bagging lines and manual wrapping. The crystal-clear film shows the product at its best while protecting it from dust and handling.
- It is supplied as continuous reels of approximately 2,000m on standard machine-compatible cores, in a 30 micron thickness that balances strength with a glossy, fully transparent finish.
- Stocked in 60, 70 and 75mm widths, with the range extending to 90mm. Single reels suit smaller producers and trials, while bulk reels give trade and wholesale customers a lower running cost.

## 2 A Note on the Film

Although often described simply as polypropylene or "flow wrap", this film is a biaxially-oriented polypropylene (BOPP) — stretched in both directions during manufacture for high clarity, tensile strength and dimensional stability through automatic wrapping equipment. It is clearer and stronger than cast films of the same gauge.

### 3 Technical Characteristics

Property	Specification
<b>Material</b>	Food-grade clear BOPP (biaxially-oriented polypropylene).
<b>Thickness</b>	30 micron (nominal).
<b>Finish</b>	High-clarity, glossy, fully transparent.
<b>Format</b>	Continuous reel — approximately 2,000m per reel.
<b>Core</b>	Wound on a standard machine-compatible core.
<b>Stocked widths</b>	60mm, 70mm and 75mm; range extends to 90mm (available to order).
<b>Sealability</b>	Heat-sealable; suited to flow-wrap and bagging-machine sealing jaws.
<b>Food contact</b>	Food-grade film suitable for direct food contact.
<b>Manufacture</b>	Produced by a BRCGS-certified film manufacturer (Global Standard for Packaging Materials).
<b>Applications</b>	Confectionery, bakery and general retail wrapping — by machine or by hand.

### 4 Reel Sizes & SKUs

Flow wrap film is stocked in three reel widths, each supplied as a continuous reel of approximately 2,000m. The range extends to 90mm, available to order.

Width	Reel length (approx.)	Thickness	SKU
60mm	2,000m	30 micron	FW003
70mm	2,000m	30 micron	FW002
75mm	2,000m	30 micron	FW001

**Note:** Reel length is a nominal/approximate figure. A 90mm width and bulk reels are available to order for trade and wholesale volumes — confirm width, reel length and quantity at the time of enquiry.

## 5 Wrapping & Machine Compatibility

Method	Detail
<b>Flow-wrapping machines</b>	Designed for horizontal flow-wrap (HFFS) machines, producing a sealed pillow-pack around the product with a longitudinal fin or lap seal and crimped end seals.
<b>Bagging machines</b>	Suitable for automatic bagging and form-fill lines running clear polypropylene film.
<b>Hand wrapping</b>	Can also be cut and wrapped by hand for small runs, samples and craft use.
<b>Sealing</b>	Heat-sealable on machine sealing jaws. Set sealing temperature, pressure and dwell to suit your equipment, and trial a short run before production.

## 6 Typical Applications

- Chocolate bars and sweets
- Confectionery multipacks
- Cake slices and brownies
- Stationery and small craft items
- Lollipops, fudge and biscuits
- Clear protective display packaging

## 7 Custom & Trade Supply

A 90mm width and bulk reels are available to order alongside the three stocked widths. Trade and wholesale customers can open a Yolli trade account for bulk pricing, online ordering and invoice terms, with VAT invoices supplied automatically on all business orders.

Custom production is subject to minimum order quantities, lead times and confirmation at the time of enquiry.

## 8 Supporting Compliance Documentation

The following documentation for the food-grade BOPP film used in this product is held on file and available to trade customers on request. Supplier-identifying details have been redacted. Each document confirms:

- **Food-packaging manufacturing standard (BRCGS).** The film is produced by a manufacturer certified to the BRCGS Global Standard for Packaging Materials (Issue 6), achieving the top "AA" grade at its most recent audit, under a scope that covers film for direct food-contact use. The certificate is current — issued in 2025 and valid through 2026.
- **Certified quality management system (ISO 9001).** The manufacturing site holds a current, UKAS-accredited ISO 9001 quality-management-system certificate, evidencing documented and independently audited process control.
- **Food-contact Statement of Compliance.** A signed declaration confirms the film meets the EU and UK framework for materials and articles intended to contact food — Regulation (EC) No 1935/2004, Regulation (EU) No 10/2011 on plastics and Regulation (EC) No 2023/2006 (good manufacturing practice) — and is suitable for direct food contact.
- **Migration & heavy-metal testing — pass.** A food-contact declaration (dated June 2025) records testing against the overall and specific migration limits set in EU plastics legislation, together with screening for the regulated heavy metals and contaminants (including lead, cadmium, mercury and hexavalent chromium); results were within the permitted limits or not detected above them.
- **Technical specification on file.** A material specification (dated April 2024) defines the film as clear BOPP at 30 micron nominal thickness and sets out its construction and physical parameters, supporting batch-to-batch consistency.

**Note:** Compiled from the film manufacturer's current certification and declarations held on file by Yolli. Supplier names, certificate / test-report reference numbers and lot details have been redacted. Original documents can be issued to trade customers on request — confirm exact references before relying on them for due-diligence files.

## 9 Warnings

- Plastic film can present a suffocation hazard. Keep away from babies and children.
- Not suitable for oven, microwave or boil-in-bag use unless separately confirmed for the finished application.
- Store reels away from direct heat, naked flames and direct sunlight.

### RELATED YOLLI PACKAGING

Other clear food-grade films: **Twist Wrapping Sheets** for hand and machine twist-wrapping · **Clear Cello Bags** for pre-made display bags.