

PVC Twist Wrap Film Roll — 82mm, Food-Grade

Clear food-grade PVC · 82mm wide · continuous machine reel · SKU FW004 · Revision date: 4th June 2026



MATERIAL

Clear food-grade PVC twist-wrap film

WIDTH

82mm — supplied on a continuous reel

FORMAT

Machine reel for twist-wrapping lines

USE

Sweets, toffees, chocolates & confectionery

1 Product Overview

- Yolli PVC twist wrap film is a clear, food-grade film with excellent "twist and hold" properties — once twisted, each wrap stays securely closed without tape or ties. It gives the glossy, traditional finish expected on individually wrapped confectionery.
- It is 82mm wide and supplied on a continuous reel for easy loading onto automatic twist-wrapping machines, making it the high-volume, machine-fed companion to our pre-cut twist wrapping sheets.
- This is the same clear food-grade PVC film used for our twist wrapping sheets, in a continuous roll format. A single stocked width (82mm) covers most twist-wrap machines; other widths and colours are available to order for bulk requirements.

2 A Note on the Material

Often called "twist wrap" or "cellophane" film, this is in fact clear food-grade PVC, not cellophane. PVC is chosen for its dead-fold behaviour: unlike springy films it stays where it is twisted, which is exactly what is needed to seal a twist wrap cleanly at machine speed. It is supplied as a low-odour grade suitable for direct food contact.

3 Technical Characteristics

Property	Specification
Material	Clear food-grade PVC film (low-odour grade), suitable for direct food contact.
Finish	Crystal-clear and transparent with a glossy surface.
Width	82mm (single stocked width). Other widths available to order.
Nominal thickness	20 micron (the same film gauge as our twist wrapping sheets).
Key performance	Excellent twist and hold — the film holds its shape once twisted, sealing a wrap without tape or ties.
Format	Continuous reel for machine loading. Also available pre-cut as twist wrapping sheets for hand wrapping.
Sealing method	Mechanical twist (no heat sealing required). Self-holding twist closure.
Food contact	Food-grade film suitable for direct food contact.
Manufacture	Film converted and finished at a BRCGS-certified packaging manufacturer; supporting compliance documentation held on file (see Section 9).
Applications	Twist-wrapping sweets, toffees, chocolates and confectionery — by machine or by hand.

4 Reel & SKU

The film is stocked in a single 82mm width, supplied as a continuous reel for automatic twist-wrapping machines. Bulk and custom requirements are available to order.

Description	Width	Format	SKU
PVC twist wrap film roll	82mm	Continuous reel	FW004

Note: Reel weight and run length are nominal and may vary between reels. Other widths, colours and roll lengths are available to order for trade and wholesale volumes — confirm width, reel length and quantity at the time of enquiry.

5 Manufacturing Tolerances

Durable mechanical parameters for the clear PVC film (20 micron grade) from the manufacturer's certificate of analysis. These are film-property tolerances and are shown separately from the reel dimensions.

Property	Specification	Typical	Method
Thickness	20 μm ($\pm 10\%$)	20.5 μm	—
Density	1.38 g/cm^3	1.38 g/cm^3	ASTM D1505
Grammage	27.6 g/m^2 ($\pm 10\%$)	28.3 g/m^2	—
Impact resistance	≥ 4.5	7.8	ASTM D1709
Tensile strength	MD ≥ 550 · TD ≥ 500 kg/cm^2	MD 999 · TD 689	ASTM D882
Elongation at break	MD ≥ 100 · TD ≥ 120 %	MD 161 · TD 228	ASTM D882

6 Wrapping & Machine Compatibility

Method	Detail
Twist-wrapping machines	Designed for automatic twist-wrap machines (single- and double-twist), supplied on a reel for straightforward machine loading at an 82mm web width.
Twist closure	Closure is mechanical — the dead-fold PVC holds the twist without tape, ties or heat. No sealing jaws required.
Hand wrapping	Can be cut and wrapped by hand for small runs and samples; for manual wrapping, the same film is also stocked pre-cut as twist wrapping sheets.
Set-up	Set machine tension and twist heads to suit your product and line speed, and trial a short run before production.

7 Typical Applications

- Boiled sweets and bonbons
- Toffees, fudge and caramels
- Chocolates and pralines
- Lollipops and candy
- Seaside rock and novelties
- Handmade and artisan confectionery
- Decorative and promotional wrapping
- Small craft and gift items

8 Custom & Trade Supply

The 82mm reel is the stocked line; other widths, colours and roll lengths can be supplied to order for larger requirements. Multi-roll discounts apply to bulk purchases.

Trade and wholesale customers can open a Yolli trade account for bulk pricing, online ordering and 30-day 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.

9 Supporting Compliance Documentation

The following certification is held on file for this product and is available to trade customers on request. Supplier-identifying details have been redacted. Each document confirms:

- **Food-safe packaging manufacturing (BRCGS).** The film is converted and finished at a site certified to the BRCGS Global Standard for Packaging Materials (Issue 7, 2025), achieving Grade A at its most recent audit. The certified scope covers the printing, coating, laminating and slitting of plastic film and paper substrates for food and non-food packaging — the processes used to produce this reel. The certificate is current: issued in December 2025 following an October 2025 audit and valid through December 2026.
- **Certified quality management (ISO 9001:2015).** Yolli's own quality management system is certified to ISO 9001:2015 under UKAS-accredited certification (certificate no. 203447), first certified in 2016 and current through February 2028 — evidencing documented, independently audited control of how this product is specified, sourced, checked and supplied.

Note: Compiled from current certification held on file by Yolli. For third-party documentation, supplier names, site codes and certificate / audit reference numbers have been redacted. Original certificates, and product-specific declarations of food-contact compliance, can be issued to trade customers on request — confirm exact references before relying on them for due-diligence files.

10 Warnings & Storage

- Thin plastic film can present a suffocation hazard. Keep away from babies and children.
- Not suitable for oven, microwave, boil-in-bag or hot-fill use. Designed for wrapping cooled or ambient products.
- Store reels away from direct heat, naked flames and direct sunlight to preserve clarity and twist performance.
- Food-contact compliance relates to the film as supplied; confirm suitability for your specific product and process.

RELATED YOLLI PACKAGING

The same film, pre-cut for hand wrapping: [Clear Food Grade Twist Wrapping Sheets](#) · For heat-sealed clear packs, see [Clear Cello Bags](#).