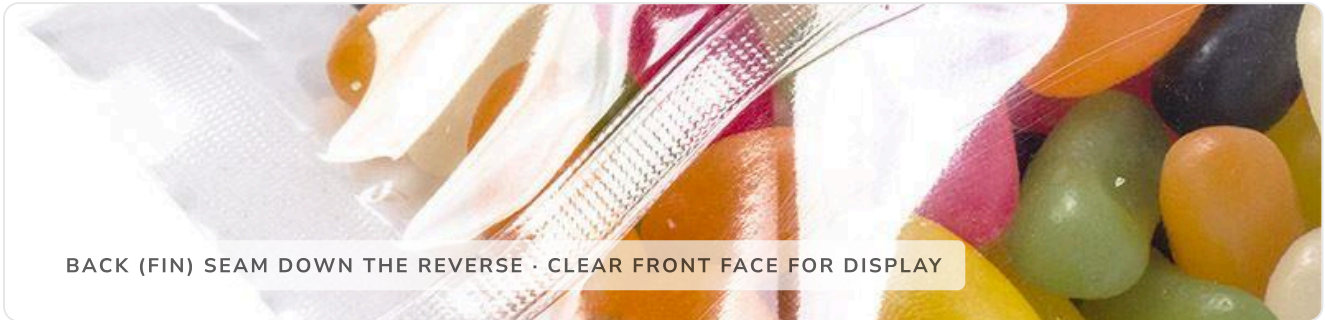


Back Seal Bags

Heavy Duty 12PET/40PE Laminate — Bulk & Retail Packs · Revision date: 1st June 2026



MATERIAL

50 micron 12PET / 40PE food-grade laminate

CONSTRUCTION

Back (fin) seam with sealed base

SIZE RANGE

4 stocked sizes, 100 mm to 175 mm wide

PACKAGING

Retail packs of 50 & cartons of 3,000

1 Product Overview

- Yolli heavy duty back seal bags are made from 50 micron 12PET/40PE food-grade laminate — a stronger, more durable material than standard polypropylene cello bags, with an improved moisture and oxygen barrier.
- The back seam and sealed base give a clean, uninterrupted front face for retail display, and hold their shape better than a standard flat bag. They run reliably through automated filling and heat-sealing lines.
- All four sizes are held in UK stock and supplied as retail packs of 50 or wholesale cartons of 3,000. Custom sizes, pack formats and quantities are available to order.

2 What Is a Back Seal Bag?

A back seal bag (also called a pillow bag or fin seal bag) has the heat seal running down the back of the bag rather than along the sides. This gives a clean, uninterrupted front face — ideal for retail display — and suits the automated filling lines used in confectionery and snack production. For heavier or bulkier products, back seal bags are typically the right choice over **sideweld cello bags**.

3 Technical Characteristics

Property	Specification
Material	12PET / 40PE food-grade laminate (polyester outer, polyethylene inner).
Thickness	50 micron total (200 gauge) — heavy duty strength.
Construction	Sealed at the base, with a back (fin) seam down the reverse.
Front face	Clean, uninterrupted front for retail display and labelling.
Barrier	Improved moisture and oxygen barrier versus standard 30 micron polypropylene.
Sealability	Heat-sealable with any standard heat-sealing machine; suited to high-speed automated lines.
Food contact	Food-grade laminate suitable for direct food contact.
Packaging	Retail packs of 50 bags, or wholesale cartons of 3,000.
Size range	4 stocked sizes, from 100 mm × 200 mm up to 175 mm × 300 mm. All held in UK stock.
Custom options	Bespoke sizes, pack formats and quantities available to order, subject to MOQ and lead time.

4 Why 12PET / 40PE?

The bags are made from a two-layer laminate. At 50 micron total they are significantly heavier duty than a standard 30 micron polypropylene cello bag — better for heavier products, with an improved moisture and oxygen barrier and better high-speed sealing.

Layer	Gauge	Role
PET (polyester) — outer	12 micron	Strength, rigidity and a premium print surface.
PE (polyethylene) — inner	40 micron	Food-contact surface; heat-sealable and food safe.

5 Size Range

All four sizes are held in UK stock and available for same-day dispatch. Each size is supplied either as a retail pack of 50 or as a wholesale carton of 3,000.

Size	Dimensions (W × L)	Imperial	Retail SKU (50)	Carton SKU (3,000)
Small	100 mm × 200 mm	4" × 7.75"	RBS003	BS004
Medium	114 mm × 254 mm	4.5" × 10"	RBS027	BS027
Large	175 mm × 250 mm	7" × 9.75"	RBS008	BS009
Extra Large	175 mm × 300 mm	7" × 11.75"	RBS009	BS010

Note: The first dimension is the bag width; the second is the height. The 100 × 200 mm size is the most popular for single-portion confectionery; the 175 mm sizes suit 100 g+ sweet bags, nuts, dried fruit and snack packs. Custom sizes are available to order.

6 Typical Applications

- Confectionery — sweets, chocolates, fudge, nougat & marshmallows
- Snacks — nuts, seeds, trail mix & dried fruit
- Health food — protein snacks & cereal bars
- Bakery — biscuits, cookies & flapjacks
- Wholesale & food-service volume packing
- Market traders, farm shops & pick-and-mix

7 Custom & Bespoke Supply

Custom sizes, pack formats and quantities are available to order. Branded printing can be applied directly to the laminate with logos, ingredients and barcodes. Custom production is subject to minimum order quantities and lead times, confirmed at the time of enquiry.

8 Supporting Compliance Documentation

The following documentation is held on file for the back seal bags and is available to trade customers on request.

- **BRCGS certification (film manufacturer).** The laminate manufacturer is certificated to the BRCGS Global Standard for Packaging Materials, Issue 6, at Grade A+, for the manufacture of flexible packaging material for food and non-food applications.
- **Food-grade material declaration.** Confirms the films and components used (PET, PE and the inks and adhesives) comply with US FDA 21 CFR, EC 1935/2004 and EU 10/2011, and that the laminate is safe for direct food contact.
- **Certificate of Analysis.** Batch quality-control report confirming each production run meets its dimensional, total GSM, seal-strength, bond-strength and accelerated-storage compatibility specifications.
- Yolli also holds BRCGS Agents and Brokers certification covering food-contact packaging materials, and VAT invoices are provided with all business orders.

Note: Certificates are issued by the laminate manufacturer and by Yolli. Current copies and exact certificate references can be supplied to trade customers on request for due-diligence files.

9 Warnings

- Plastic bags 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 away from direct heat and naked flames.

RELATED YOLLI PACKAGING

For lighter everyday packaging see [Clear Cello Bags](#) (30 micron polypropylene), or [Custom Printed Cello Bags](#) for fully branded film. Zip lock stand-up pouches and clear cone bags are also stocked.