

Hand Pallet Wrap



Description

Hand pallet wrap is a manually applied stretch film used to secure, stabilise and protect palletised goods for storage and transit. The range covers three film types: Blown film (thicker, tackier, traditional wrap), Cast film (non-sticky with strong memory retention, relying on operator-applied stretch), and Pre-Stretched (E-Stretch) film, which is stretched before winding so it can be applied with very low tension while still achieving high pallet tension.

The range carries 30% recycled content per the raw material supplier's product data — see the range table and Regulatory & Environmental Compliance section below.

Key Features

- Cast, Blown and Pre-Stretch (E-Stretch) film types to suit different loads and budgets
- 150–250% stretch on standard grades; pre-stretched grades apply with very low operator tension
- Flush core and extended core (handle) options for dispenser-free or dispenser use
- Available in clear, black, red, blue and white colourways, plus an anti-static grade
- Mini rolls for smaller loads and lighter-duty applications
- 30% recycled content across the range, per the raw material supplier's product data

Specification

Type	Hand Pallet Wrap (manually applied stretch film)
Material	Linear Low Density Polyethylene (LLDPE) / Cast or Blown LDPE
Film Grades	Invictus Cast, Invictus Blown, Invictus Pre-Stretch (E-Stretch), Mini Roll Cast
Roll Widths	100mm – 500mm, depending on grade
Thickness Range	5mu – 34mu, depending on grade
Stretch Range	150% – 250%, depending on grade
Core Options	Flush core or extended core (handle)
Recycled Content	30%, per the raw material supplier's product data

Recyclable

Recyclable. Correct disposal is the responsibility of the end user.

Available Range

Current SKUs and pack configurations as listed on kbpackaging.com/product-category/pallet-stability/hand-pallet-wrap/:

KB SKU	Width	Thickness	Film / Grade	Pack	Recycled Content
417S	400mm	11mu	Invictus Cast — 150% Stretch, Flush Core	Box of 6 Rolls	30%
427S	400mm	13mu	Invictus Cast — 150% Stretch, Flush Core	Box of 6 Rolls	30%
427X	400mm	13mu	Invictus Cast — 150% Stretch, Extended Core	Box of 6 Rolls	30%
427X-RED	400mm	13mu	Invictus Cast — 150% Stretch, Extended Core, Red	Box of 6 Rolls	30%
427X-AS	400mm	17mu	Invictus Cast — 150% Stretch, Extended Core, Anti-Static	Box of 6 Rolls	30%
447B	400mm	17mu	Invictus Cast — 150% Stretch, Extended Core, Black	Box of 6 Rolls	30%
547S	500mm	17mu	Invictus Cast — 150% Stretch, Flush Core	Box of 6 Rolls	30%
547B	500mm	17mu	Invictus Cast — 150% Stretch, Flush Core, Black	Box of 6 Rolls	30%
PW4223B	400mm	23mu	Invictus Blown — 150% Stretch, High Performance	Box of 6 Rolls	30%
PW4234B	400mm	34mu	Invictus Blown — 150% Stretch	Box of 6 Rolls	30%
PW4234B-EX	400mm	34mu	Invictus Blown — 150% Stretch, Extended Core	Box of 6 Rolls	30%
PW4225BK	400mm	19mu	Invictus Blown — 150% Stretch, Extended Core, Black	Box of 6 Rolls	30%
PW439SP	400mm	16mu	Blown — Hexene Plus, Flush Core	Box of 6 Rolls	30%
410SPBLU	400mm	12mu	Invictus Blown — 150% Stretch, Blue	Box of 6 Rolls	30%
PW5222B	500mm	20mu	Invictus Blown — 150% Stretch	Box of 6 Rolls	30%
PW467EX-BS360	400mm	6mu	Invictus Pre-Stretch (E-Stretch), Extended Core	Box of 6 Rolls	30%
BR103017	100mm	15mu	Mini Roll Cast — Invictus 250% Stretch	Box of 20 Rolls	30%
BR103017BK	100mm	15mu	Mini Roll Cast — Invictus 250% Stretch, Black	Box of 40 Rolls	30%

Regulatory & Environmental Compliance

The declarations and certification below apply across the raw material supplier's stretch-film range and confirm the following current baseline, effective from 12 August 2026 under the EU Packaging and Packaging Waste Regulation (EU) 2025/40 (PPWR):

REACH (EC 1907/2006)

Materials do not contain Substances of Very High Concern (SVHC) from the current ECHA Candidate List above 0.1% w/w. (KB Packaging Declaration of Conformity, 29 Jul 2026)

PPWR (EU) 2025/40

The pallet stability range (stretch wrap) meets PPWR, applicable from 12 Aug 2026, replacing Directive 94/62/EC. (KB Packaging Declaration of Conformity, 29 Jul 2026)

PFAS

No per- and polyfluoroalkyl substances (PFAS) are intentionally added, per KB Packaging's Statement on PFAS (29 Jul 2026) and the raw material supplier's own PFAS Declaration (26 Jun 2026).

RoHS 2011/65/EU (as amended by EU)

Intertek test report JKTH26002117 (Jul 2026) on the supplier's LLDPE stretch film: heavy metals, PBBs, PBDEs

2015/863)

and phthalates all Not Detected, within RoHS limits.

Recycled Content

30% recycled pre-consumer polyethylene / 70% polyethylene, per Control Union GRS v4.0 / RCS v2.0 Scope Certificate CU1495316MUL-2026-00022247 (valid to 03 Mar 2027).

Recyclability

Recyclable in line with EN 13430, subject to local recycling infrastructure; correct disposal remains the responsibility of the end user. (KB Packaging Declaration of Compliance, 29 Jul 2026)

The supplier states that independent, third-party verified laboratory testing supporting these claims is retained on file, and that equivalent material compliance is maintained across its manufacturing network via unified recipe controls and standardised resin procurement.

Source Documents

- Hand Pallet Wrap product listing, kbpackaging.com/product-category/pallet-stability/hand-pallet-wrap/ (KB SKUs and pack sizes)
- KB Packaging Declaration of Conformity to REACH and PPWR — 29 July 2026
- KB Packaging Statement on PFAS — 29 July 2026
- KB Packaging Declaration of Compliance (all products) — 29 July 2026
- PFAS Declaration/Statement — raw material supplier, 26 June 2026
- RoHS Test Report No. JKTH26002117 — Intertek, dated 21 July 2026
- GRS (v4.0) / RCS (v2.0) Scope Certificate No. CU1495316MUL-2026-00022247 — Control Union Certifications, valid until 3 March 2027

Note: KB Packaging is not the end user of the packaging materials it supplies. Confirming the suitability of a specific SKU for a specific application, and compliance with any additional market-specific requirements, remains the responsibility of the end user.