

INDUSTRIAL PACKAGING · GRADE KP-WSL

PE Liners for Woven Sacks

PE liners that keep moisture out of woven polypropylene sacks

Thickness	Width	Food grades	Supply
30–100 µm	**40–110 cm flat**	**FSSC 22000**	**Rolls or cut liners**

PRODUCT DESCRIPTION

Polyethylene liners that go inside woven polypropylene sacks. The woven sack gives the strength; the liner keeps moisture out and fine product in. We make the liner only: the woven sack comes from your sack supplier.

We supply liner tubing on rolls for your own cutting, or liners cut and bottom-sealed to fit your sack. Tell us the sack size and how you insert the liner, and we set the width and length to match.

APPLICATIONS

- Fertilizers
- Sugar
- Flour
- Seeds
- Rice and grain
- Animal feed

KEY FEATURES

- **Keeps moisture out.** Stops fertilizer caking and protects food and seed from humidity.
- **Food safe.** Made under FSSC 22000 for sugar, flour and other food.
- **Sized to your sack.** Width, length and gauge set to your woven sack and fill weight.
- **Rolls or cut liners.** Tubing on rolls, or liners cut and sealed ready to insert.

TECHNICAL SPECIFICATIONS

Thickness	**30–100 µm**	Flat width	**40–110 cm**
Length	**To your sack**	Supply	**Tubing on rolls, or cut and bottom-sealed liners**
Material	**LDPE / LLDPE blends**	Color	**Natural, white or black**

TYPICAL PROPERTIES

Typical values on **50 µm** film at 23 °C and 50 % RH, unless stated otherwise.

Property	Test method	Unit	Typical value
MECHANICAL			
Tensile strength at break, MD / TD	ASTM D882	MPa	**18–26 / 16–24**
Elongation at break, MD / TD	ASTM D882	%	**300–500 / 500–700**
Dart drop impact, method A	ASTM D1709	g	**120–200**
Elmendorf tear, MD / TD	ASTM D1922	N	**1.5–3 / 3–5**
BARRIER AND SURFACE			
Water vapor transmission, 38 °C / 90 % RH	ASTM F1249	g/m²·day	**6–9**
Coefficient of friction, film to film (static)	ISO 8295	—	**0.20–0.40**

Typical results from production testing, not specification limits. Properties vary with thickness and grade; data for your gauge on request. MD = machine direction, TD = transverse direction.

Packaging

- **Core diameter:** 76 mm
- **Roll size:** Rolls, or cut liners in bundles
- **Per 40′ container:** About 20–23 t
- Wrapped, labeled and stretch-wrapped on pallets

Storage

- Indoors, dry, away from direct sun, rain and heat
- Keep in the original packaging; first in, first out.

5–30 °C	≤ 65 %	12 mo.
Temperature	Humidity	Shelf life

Labeling

Every delivery comes with a Certificate of Analysis (CoA). Each label shows:

- Product, grade and dimensions
- Batch number and production date
- Net weight and customer PO

SUSTAINABILITY

Food-contact grades are made from 100 % virgin PE under FSSC 22000. Non-food grades are available with 30–100 % recycled PE, certified OK Recycled (TÜV Austria, EN 15343).

30–100 %
recycled PE, non-food grades

How to order. Send your woven sack size, what you fill and how many sacks a month. We reply with a quote within one business day.

contactus@karawiapack.com
WhatsApp +20 121 202 6661

CERTIFIED MANAGEMENT SYSTEMS

ISO 9001:2015 Quality management	**FSSC 22000 v6** Food safety for PE bags and films, food and non-food use	**OK Recycled** Recycled content to EN 15343
ISO 14001:2015 Environmental management	**ISO 45001:2018** Occupational health and safety	**EcoVadis Committed** Sustainability rating

Certificates and declarations of compliance for supplier approval on request.

The information in this data sheet is based on our current knowledge and production testing. It is a guide only and is not a specification or a warranty of fitness for a particular use; performance depends on processing, handling and use conditions. Specifications are agreed in writing per order. Karawia Pack may update this sheet without notice; the latest revision applies.