

INDUSTRIAL PACKAGING · GRADE KP-FIBC

FIBC Liners

Lay-flat and gusseted PE liners for bulk bags (FIBC)

Thickness	Width	Food grades	Supply
60–150 µm	**up to 260 cm flat**	**FSSC 22000**	**Rolls or cut liners**

PRODUCT DESCRIPTION

Polyethylene liners for bulk bags (FIBC). They stop fine powders sifting through the woven fabric and keep moisture and dirt out. We make the PE liner only: the bulk bag comes from your FIBC supplier.

What we make: lay-flat (tubular) and gusseted PE liners, 60 to 150 µm thick and up to 260 cm flat, for bulk bags up to about 120 × 120 cm. We supply them as tubing on rolls or cut and sealed to your bag size, with 5 to 10 cm of extra width so the liner fills the corners. Food-grade liners are made under our FSSC 22000 food-safety system.

KEY FEATURES

- **No sifting or leaks.** Fine powders stay in the liner instead of sifting through the woven fabric.
- **Dry and clean.** Keeps humidity, dust and outside dirt away from your product.
- **Wide tubes.** Up to 260 cm flat, for bulk bags up to about 120 × 120 cm.
- **Sized to your bag.** Footprint, length and gauge set to your bag and your product.

APPLICATIONS

- Food ingredients: sugar, flour, starch
- Chemicals and fine powders
- Polymers
- Fertilizers
- Minerals

TECHNICAL SPECIFICATIONS

Thickness	**60–150 µm**	Lay-flat width	**up to 260 cm**
Gusset	**To order**	Supply	**Tubing on rolls, or cut and sealed liners**
Material	**LDPE / LLDPE, co-extruded**	Color	**Natural or white**
Food-contact compliance	**EU 10/2011, FDA 21 CFR 177.1520**		

TYPICAL PROPERTIES

Typical values on **100 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	%	**400–600 / 600–800**
Dart drop impact, method B	ASTM D1709	g	**400–650**
Elmendorf tear, MD / TD	ASTM D1922	N	**6–10 / 9–14**
SEALING AND BARRIER			
Seal strength	ASTM F88	N/15 mm	**25–40**
Water vapor transmission, 38 °C / 90 % RH	ASTM F1249	g/m²·day	**3–5**

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:** 152 mm
- **Roll size:** Rolls on pallets, stacked 2 high in the container; or cut liners on pallets
- **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 bulk bag size (length × width × height), any spouts, what you fill and your monthly volume. 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.