

AGRICULTURE · GRADE KP-SIL

Silage Stretch Film

Five-layer stretch film for airtight round and square bales

Thickness	Width	Pre-stretch	UV life
25 µm	**500 or 750 mm**	**55–70 %**	**12 months**

PRODUCT DESCRIPTION

Stretch film for wrapping round and square bales of grass, maize and alfalfa. The layers cling to each other and seal the bale airtight, so the silage ferments well and keeps its feed value.

Made with five-layer co-extrusion, the film combines strong cling with high puncture resistance against stalks and stubble. UV stabilization protects bales stored outdoors through the season.

APPLICATIONS

- Grass silage
- Maize silage
- Alfalfa and haylage
- Round and square bales

KEY FEATURES

- **Airtight bales.** The layers cling tightly, keeping oxygen out so the silage ferments well.
- **Lasts outdoors.** UV-stabilized for bales stored in the open.
- **Five layers.** Co-extruded layers balance cling, stretch and puncture resistance.
- **Fits your wrapper.** 500 and 750 mm rolls for standard bale wrappers.

TECHNICAL SPECIFICATIONS

Thickness	**25 µm**	Width	**500 or 750 mm**
Roll length	**1,500–1,800 m**	Core	**76 mm**
Colors	**White, black, green**	Pre-stretch on the wrapper	**55–70 %**

TYPICAL PROPERTIES

Typical values on **25 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	**30–40 / 25–35**
Elongation at break, MD / TD	ASTM D882	%	**400–600 / 600–800**
Puncture resistance	EN 14477	N	**15–25**
Elmendorf tear, MD / TD	ASTM D1922	N	**2–3.5 / 4–6**
Pre-stretch on the wrapper	—	%	**55–70**
DURABILITY			
UV stabilization	ISO 4892-2	months	**12**

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:** 500 or 750 mm, about 17–26 kg
- **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

Available with 30–100 % recycled polyethylene, certified OK Recycled (TÜV Austria, EN 15343). Mono-material PE, recyclable where PE film collection exists.

30–100 %
recycled PE content

How to order. Send your bale size, wrapper model and bales per season. 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.