

INDUSTRIAL PACKAGING · GRADE KP-MTC

Mattress Cover Film

Single-sheet PE film for mattress and foam packing lines

Thickness	Width	Material	Finish
40–100 µm	**up to 2.3 m wide**	**LLDPE-rich**	**Transparent**

PRODUCT DESCRIPTION

Single-sheet polyethylene film that wraps mattresses, foam blocks and toppers before they leave the plant. It keeps dust, moisture and handling marks off the fabric in storage and transit, and shows the product and its label through the film.

We make the film as a single-wound sheet to your mattress sizes, 1,850 to 2,300 mm wide, in 40 to 100 µm, on rolls for your packing machine. The LLDPE-rich film stretches over corners and edges without splitting.

APPLICATIONS

- Mattresses
- Foam blocks and toppers
- Furniture parts

KEY FEATURES

- **Clean to the customer.** Keeps dust, moisture and handling marks off the fabric from the packing line to delivery.
- **Soft, tough film.** LLDPE-rich film that stretches over corners without splitting, in 40 to 100 µm.
- **Made to your sizes.** Sheet width set to your mattress sizes, 1,850 to 2,300 mm, on rolls for your packing machine.
- **See-through.** Transparent film shows the mattress and its label through the cover; white on request.

TECHNICAL SPECIFICATIONS

Thickness	**40–100 µm**	Sheet width	**1,850–2,300 mm**
Supply	**Single-wound sheet on rolls**	Material	**LLDPE / LDPE blend**
Color	**Transparent or white**		

CERTIFIED MANAGEMENT SYSTEMS

ISO 9001:2015 Quality management system	**FSSC 22000 v6** Food safety for PE bags and films; listed with Egypt's National Food Safety Authority (NFSA)	**OK Recycled** Recycled content to EN 15343
ISO 14001:2015 Environmental management system	**ISO 45001:2018** Occupational health and safety management system	**EcoVadis Committed** Sustainability rating

Certificates and declarations of compliance for supplier approval on request. REACH SVHC and RoHS declarations on request. PPWR: mono-material polyethylene film, designed for recycling in PE film streams.

TYPICAL PROPERTIES

Typical values on **100 µm** film at 23 °C and 50 % RH, unless stated otherwise.

Property	Test method	Unit	Typical value
MATERIAL AND TOLERANCES			
Material	—	—	**LLDPE / LDPE blend, blown film, single-wound sheet**
Thickness tolerance	ISO 4593	%	**± 5**
Roll outer diameter	—	mm	**As required, up to 1,000**
MECHANICAL			
Tensile strength at break, MD / TD	ASTM D882	MPa	**23–29 / 25–31**
Elongation at break, MD / TD	ASTM D882	%	**620–940 / 750–1,200**
1 % secant modulus, MD / TD	ASTM D882	MPa	**180–215 / 205–235**
SURFACE			
Coefficient of friction, inside, film to film (static)	ISO 8295	—	**0.45–0.65**

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 to your machine
- **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.

≤ 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 mattress sizes, film thickness and monthly volume. We reply with a quote within one business day.

contactus@karawiapack.com
WhatsApp +20 121 202 6661

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.