

INDUSTRIAL PACKAGING · GRADE KP-CON

Construction Film

PE sheeting for damp-proofing, vapor control and site protection

Thickness	Width	Recycled content	Use
100–200 µm	**up to 5.6 m**	**up to 100 %**	**Moisture barrier**

PRODUCT DESCRIPTION

Heavy polyethylene sheeting for building sites: damp-proof membranes under concrete slabs, vapor barriers in walls and roofs, and sheets for curing concrete and covering materials.

Black grades are made with recycled polyethylene. Our OK Recycled certificate from TÜV Austria covers PE films with 30% to 100% post-consumer recycled content.

APPLICATIONS

- Damp-proof membrane under slabs
- Vapor barrier in walls and roofs
- Concrete curing
- Site cover sheets

KEY FEATURES

- **Recycled content.** Up to 100% recycled PE, with recycled content certified to EN 15343 through OK Recycled.
- **Wide sheets.** Up to 5.6 m wide, so fewer joins on large slabs.
- **Moisture barrier.** Stops ground moisture rising into slabs and floors.
- **Your gauge.** Thickness, width and roll length to your specification.

TECHNICAL SPECIFICATIONS

Thickness	**100–200 µm**	Sheet width	**up to 5.6 m**
Supply	**Folded on rolls**	Colors	**Black (recycled) or clear**

TYPICAL PROPERTIES

Typical values on **200 µm** film at 23 °C and 50 % RH, unless stated otherwise.

Property	Test method	Unit	Typical value
MECHANICAL			
Tensile strength at break, MD and TD	ASTM D882	MPa	**25–40**
Elongation at break, MD and TD	ASTM D882	%	**700–1,100**
1 % secant modulus, MD and TD	ASTM D882	MPa	**200–300**
BARRIER			
Water vapor transmission, 38 °C / 90 % RH	ASTM F1249	g/m²·day	**1.0–1.8**
Recycled content, black grades	EN 15343	%	**up to 100**

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:** Folded on rolls
- **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 the thickness, sheet width and the standard your project needs. 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.