

TECHNICAL FILMS · GRADE KP-PPF

Printed Packaging Film

Printed PE film on rolls for vertical and horizontal FFS packing

Thickness	Width	Flexo print	Seal strength
40–120 µm	**up to 80 cm**	**up to 6 colors**	**20–30 N/15 mm**

PRODUCT DESCRIPTION

Polyethylene film printed with your brand and wound on rolls for vertical and horizontal form-fill-seal machines: 1 to 10 kg retail packs of sugar, rice, salt, flour, pulses and frozen vegetables.

Printed in-house in up to six colors and up to 80 cm wide, on film made for your packing machine: clear or white, with slip and seal strength set for your line.

APPLICATIONS

- Sugar
- Rice
- Salt
- Flour
- Pulses
- Frozen vegetables

KEY FEATURES

- **Your brand.** Flexo printing in up to six colors, up to 80 cm wide.
- **Runs on your machine.** Gauge, slip and seal set for your vertical or horizontal packer.
- **Food safe.** Made under FSSC 22000 for direct food contact.
- **Strong seals.** Seals that hold through filling, freezing and handling.

TECHNICAL SPECIFICATIONS

Thickness	**40–120 µm**	Web width	**up to 80 cm**
Printing	**Flexo, up to 6 colors**	Film	**Clear or white, mono-layer or 3-layer co-extruded**
Food-contact compliance	**EU 10/2011, FDA 21 CFR 177.1520**		

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.

TYPICAL PROPERTIES

Typical values on **70 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	**20–30 / 18–28**
Elongation at break, MD / TD	ASTM D882	%	**400–600 / 600–800**
Dart drop impact, method A	ASTM D1709	g	**250–450**
SEALING AND SURFACE			
Seal strength	ASTM F88	N/15 mm	**20–30**
Coefficient of friction, film to film (static)	ISO 8295	—	**0.15–0.30**
Surface tension, print side	ASTM D2578	mN/m	**≥ 38**
OPTICAL			
Haze, clear grades	ASTM D1003	%	**8–14**

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:** To your packing 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.

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 pack size, fill weight, packing machine and artwork. 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.