

TECHNICAL FILMS · GRADE KP-SPF

Surface Protection Film

Self-adhesive co-extruded film that peels off clean

Thickness	Width	Adhesive	Outdoor
30–100 µm	**up to 2.6 m**	**None, co-extruded**	**up to 6 months**

PRODUCT DESCRIPTION

Protective film for smooth surfaces that must reach your customer free of scratches and dirt. The tack comes from a co-extruded layer in the film itself, not from an adhesive coating, so the film peels off clean.

New: samples are available now. Tell us the surface, how long the film stays on and whether it goes outdoors, and we send samples to test on your line.

APPLICATIONS

- Acrylic (PMMA) sheet
- Polycarbonate sheet
- Glass
- High-gloss furniture panels

KEY FEATURES

- **No adhesive residue.** The tack is part of the film, so no glue or PIB is left behind when you peel it off.
- **Protects in transit.** Guards against scratches, dust and handling marks from your line to the site.
- **Co-extruded.** Made in one step on our five-layer line: no coating and no solvents.
- **Your logo.** Printed with your brand or peel instructions, up to 80 cm wide.

TECHNICAL SPECIFICATIONS

Thickness	**30–100 µm**	Width	**up to 2.6 m**
Colors	**Clear, blue, black/white**	Printing	**Flexo, up to 80 cm wide**

TYPICAL PROPERTIES

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

Property	Test method	Unit	Typical value
ADHESION			
Peel adhesion, low / medium tack	FINAT FTM 1	N/25 mm	**0.1–0.5 / 0.5–2**
Residue after removal	—	—	**None on smooth surfaces**
MECHANICAL			
Tensile strength at break, MD / TD	ASTM D882	MPa	**20–30 / 18–26**
Elongation at break, MD / TD	ASTM D882	%	**400–600 / 500–700**
DURABILITY			
Outdoor exposure	ISO 4892-2	months	**up to 6**

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 line
- **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

Mono-material polyethylene film, recyclable in PE film streams where collection exists. Made under ISO 14001 environmental management.

Mono-PE
recyclable film

How to order. Tell us the surface, how long the film stays on and whether it goes outdoors. We send samples and reply with a quote.

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.