

INDUSTRIAL PACKAGING · GRADE KP-SW-M

Machine Stretch Wrap

Stretch wrap for turntable and rotary-arm wrappers with power pre-stretch

Thickness	Width	Pre-stretch	Roll weight
15–25 µm	500–1,500 mm	up to 250 %	15–17 kg

PRODUCT DESCRIPTION

Stretch wrap (stretch film) for turntable and rotary-arm wrapping machines. It clings, holds the load together and keeps out moisture.

Made for power pre-stretch up to 250 %, so each roll wraps more pallets. Like all our PE films, it can be recycled where PE film collection exists.

APPLICATIONS

- Polymers
- Fertilizers
- Compounding additives
- Household products
- Beverages
- Food

KEY FEATURES

- **Loads stay put.** Strong, elastic film prevents shifting and damage in transit.
- **Keeps out moisture.** A tight wrap protects goods from dust and humidity.
- **Pre-stretch up to 250 %.** Made for power pre-stretch wrappers, so each roll wraps more pallets.
- **Recycled content.** Available with 90% or 100% post-consumer recycled PE, certified OK Recycled by TÜV Austria.

TECHNICAL SPECIFICATIONS

Thickness	**15–25 µm**	Width	**500 mm standard, up to 150 cm**
Roll weight	**15–17 kg**	Color	**Clear, black or to order**

TYPICAL PROPERTIES

Typical values on **23 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	**40–55 / 30–40**
Elongation at break, MD / TD	ASTM D882	%	**350–500 / 600–800**
Puncture resistance	EN 14477	N	**15–25**
Elmendorf tear, MD / TD	ASTM D1922	N	**1.5–2.5 / 4–6**
Pre-stretch	—	%	**up to 250**
OPTICAL			
Haze, clear grades	ASTM D1003	%	**3–8**

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 (3″)
- **Roll size:** Machine rolls 15–17 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. Tell us how you wrap (by hand or machine), your pallet size and monthly volume. 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.