

Karawia Pack

INDUSTRIAL PACKAGING · END OF LINE

# Pallet and bundle packaging films

Collation shrink film, stretch wrap, stretch hood, shrink hood and pallet covers. Blown in Port Said, Egypt, tested in our own lab, shipped with the documents your customs broker needs.

ISO 9001 | ISO 14001 | ISO 45001 | FSSC 22000 | OK Recycled | EcoVadis Committed

FROM BUNDLE TO PALLET

# One supplier for the end of your line

Every product that leaves a food or beverage plant is bundled, palletized and covered before it travels. We make the polyethylene films for each of those three steps, to the gauge and width your machines run, and we test every batch in our lab before it ships.

### 1 · Bundle

Collation shrink film holds bottles, cans and cartons in stable multipacks.

### 2 · Wrap or hood

Stretch wrap, stretch hood or shrink hood secures the full pallet.

### 3 · Cover

Top sheets and gusseted covers keep rain and dust off the load.

## Which film for your pallets?

| | Blown stretch film | Stretch hood | Shrink hood | Top sheet + wrap |
|---|---|---|---|---|
| How it is applied | Wrapped around the load by hand or on a turntable or rotary-arm wrapper | A tubular hood stretched over the load, applied cold | A hood shrunk tight with hot air, by hand gun or on a shrink frame | A flat sheet laid on the load, then stretch wrapped |
| Energy on the line | None by hand; low on a wrapper | None. No heat, no flame | Heat | None by hand; low on a wrapper |
| Protection | Four sides; top open | Five sides; closed top against rain and dust | Five sides; locked to the pallet | Top and four sides |
| Best for | Cartons, boxes, mixed and lower-volume loads | Bagged goods on high-output lines, open-air storage | Glass, drums, bricks and awkward loads | Bagged goods on an existing wrapper that need a dry top |
| Film thickness | 15–25 µm | 100–160 µm | 100–160 µm | 20–50 µm sheet + 15–25 µm wrap |
| **Datasheet** | **KP-TDS-008 / KP-TDS-025** | **KP-TDS-005** | **KP-TDS-006** | **KP-TDS-009** |

## Why Karawia Pack

### Made for your machine

Gauge, width, gusset and color set to your wrapper, hooder or shrink tunnel, with a trial run before full production.

### Tested, then released

Thickness, tensile, puncture and shrink tested on every batch. A certificate of analysis and the datasheet with every shipment.

### Blown stretch film, not cast

Higher holding force and puncture resistance than cast film of the same gauge, so fewer breaks and fewer wraps on sharp loads. Recycled grades certified OK Recycled by TÜV Austria.

### From Port Said to your port

At the Suez Canal, duty-free into the EU with an EUR.1 certificate. Quotes with price, lead time and Incoterm within one business day.



Finished rolls leaving the Port Said plant. Every roll is labeled with its production batch.

THE RANGE

# Five products, six datasheets



## Collation shrink film

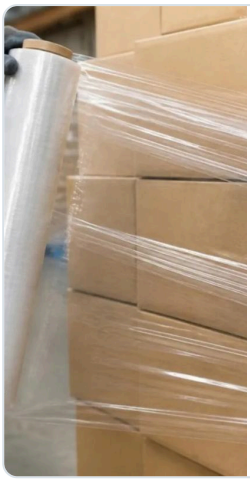
KP-CSF · KP-TDS-007

Clear shrink film that bundles bottles, cans and cartons into stable multipacks for transport and display.

| | |
|---|---|
| Thickness | 25–90 µm |
| Width | up to 150 cm |
| Reel weight | 20–60 kg |
| Color | To order |

Shrink MD / TD **75–80 / 10–30 %**

Haze **8–14 %**



## Blown stretch film, hand rolls

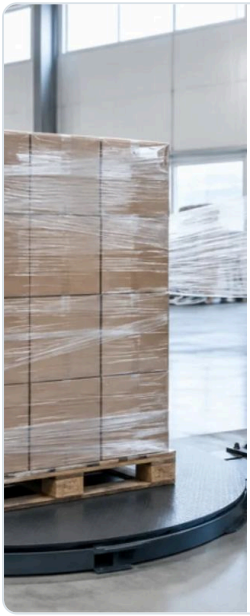
KP-SW-H · KP-TDS-008

Blown stretch film for wrapping pallets, boxes and irregular loads by hand or with a hand dispenser.

| | |
|---|---|
| Thickness | 15–25 µm |
| Width | 450–500 mm |
| Roll weight | 2–5 kg |
| Color | Transparent, black or to order |

Roll weight **2–5 kg**

Application **By hand**



## Blown stretch film, machine rolls

KP-SW-M · KP-TDS-025

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

| | |
|---|---|
| Thickness | 15–25 µm |
| Width | 500 mm standard; jumbo rolls up to 150 cm for rewinding |
| Roll weight | 15–17 kg |
| Color | Transparent, black or to order |

Pre-stretch **up to 350 %**

Roll weight **15–17 kg**



## Stretch hood film

KP-SHD · KP-TDS-005

A tubular film pulled over the loaded pallet and stretched in place. It covers the load on five sides, holds it tight for road and sea transport, and needs no heat.

| | |
|---|---|
| Thickness | 100–160 µm |
| Lay-flat width | up to 150 cm |
| Gusset | To your pallet footprint |
| Roll weight | up to 600 kg |

Puncture **55–75 N**

Application **Cold, no heat**



## Shrink hood film

KP-SKH · KP-TDS-006

A film hood that shrinks tight around the load when heated, applied by hand with a heat gun or on an automatic shrink line.

| | |
|---|---|
| Thickness | 100–160 µm |
| Lay-flat width | up to 150 cm |
| Gusset | To your pallet footprint |
| Roll weight | up to 500 kg |

Shrink MD / TD **60–70 / 10–20 %**

For **Awkward loads**



## Pallet covers and top sheets

KP-PCT · KP-TDS-009

Top sheets laid on the load before stretch wrapping, and gusseted covers pulled over the whole pallet.

| | |
|---|---|
| Thickness, top sheets | 20–50 µm |
| Thickness, covers | 40–150 µm |
| Size | To your pallet footprint and load height |
| Supply | Perforated rolls, cut sheets or gusseted covers |

UV, on request **80–160 kLy**

Size **To your pallet**

*Values are typical for the reference thickness on each datasheet and are not a specification. Full test data, methods and storage advice: the datasheet for each product at karawiapack.com/quality.*

ON FOOD AND BEVERAGE LINES

# What we would propose for your line



### Bottled water, soft drinks, juice and dairy

Collation shrink film for 6- and 12-packs, thickness chosen for your pack format and tunnel, then blown machine stretch film at up to 350 % pre-stretch on the pallet.

KP-TDS-007 · KP-TDS-025



### Sugar, flour, rice, salt and pulses in 25–50 kg bags

Stretch hood for a closed top in open-air storage, or a top sheet under machine wrap when you already run a wrapper. We also make the FFS film and heavy-duty sacks for the bags themselves.

KP-TDS-005 · KP-TDS-009



### Cans, jars and glass on pallets

Shrink hood locks awkward and mixed loads to the pallet; collation shrink for trays of cans and jars before palletizing.

KP-TDS-006 · KP-TDS-007



### Cartons of edible oil, confectionery and frozen food

Hand stretch wrap for a few pallets an hour, machine film once you add a wrapper. A top sheet keeps dust and rain off cartons stored outside.

KP-TDS-008 · KP-TDS-009

## For a quote, send us

- Pallet size and load weight, or the pack format for multipacks
- The wrapper, hooder or shrink tunnel you run
- Thickness and width you use today, if any
- Monthly volume and destination port

You get a reference number right away, and a quote with price, lead time and Incoterm within one business day. Samples before your first order.

Request a quote
karawiapack.com/request-a-quote

## BLOWN, NOT CAST

| | Blown stretch film (ours) | Cast stretch film |
|---|---|---|
| How it is made | Extruded through a ring die into a bubble and cooled slowly in air, so the film is oriented in both directions | Extruded through a flat die onto a chill roll and cooled fast; oriented mainly in the machine direction |
| Holding force | Higher: the film keeps pulling the load together after it is wrapped | Lower at the same gauge; more wraps or a thicker film to hold the same load |
| Puncture and tear resistance | Higher: stands up to sharp corners, strapping and rough handling | Lower; a tear runs more easily once started |
| Cling | On both faces | Usually on one face |
| Clarity and noise | Slightly hazy; louder on unwind | Clear; quiet |
| Pre-stretch on the wrapper | Up to 350 % on our machine grades | Typically 200–300 % |
| **Best for** | **Heavy, sharp and irregular loads, bagged goods, long road and sea transport, outdoor storage** | **Light, uniform cartons and display loads where clarity matters** |


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Datasheets, certificates and quotes online, in English, Spanish and French