

INDUSTRIAL PACKAGING · GRADE KP-CSF

Collation Shrink Film

Clear shrink film for multipacks of bottles, cans and cartons

Thickness	Width	Shrink MD / TD	Haze
25–90 µm	**up to 150 cm**	**70–80 / 15–35 %**	**8–14 %**

PRODUCT DESCRIPTION

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

A lower-cost alternative to cartons and trays: the film holds each pack tight in transit and keeps your product visible on the shelf.

APPLICATIONS

- Bottled water
- Soft drinks
- Juices
- Milk
- Cans
- Food

KEY FEATURES

- **Stable multipacks.** Holds bottles and cans together through handling and transport.
- **Product on show.** Clear film keeps your product and branding visible.
- **Cost-effective.** A lighter, lower-cost alternative to cartons and trays.
- **Made for your line.** Thickness and width matched to your shrink tunnel and pack format.

TECHNICAL SPECIFICATIONS

Thickness	**25–90 µm**	Width	**up to 150 cm**
Roll weight	**up to 500 kg**	Color	**To order**

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

Property	Test method	Unit	Typical value
SHRINK			
Free shrinkage at 150 °C, MD / TD	ASTM D2732	%	**70–80 / 15–35**
MECHANICAL			
Tensile strength at break, MD / TD	ASTM D882	MPa	**25–35 / 20–30**
Elongation at break, MD and TD	ASTM D882	%	**300–400**
1 % secant modulus, MD and TD	ASTM D882	MPa	**250–400**
Elmendorf tear, TD	ASTM D1922	N	**3–9**
OPTICAL AND SURFACE			
Haze, transparent grades	ASTM D1003	%	**8–14**
Gloss, 45°	ASTM D2457	GU	**55–75**
Coefficient of friction, film to film (static)	ISO 8295	—	**0.20–0.40**

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:** Up to 500 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. Send your pack format, bottle or can size and line speed. 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.