

INDUSTRIAL PACKAGING · GRADE KP-SKH

# Shrink Hood Film

Shrink hood film for manual and automatic shrink lines

| Thickness | Width | Shrink MD / TD | For |
|---|---|---|---|
| **100–160 µm** | **lay-flat up to 150 cm** | **60–75 / 20–40 %** | **Awkward loads** |

## PRODUCT DESCRIPTION

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

Shrink hooding suits loads that are hard to wrap: glass, drums, bricks and mixed pallets. The film follows the shape of the load and locks it to the pallet, with strong shrink in the machine direction and controlled shrink across.

## APPLICATIONS

- Polymers
- Fertilizers
- Compounding additives
- Household products
- Glass

## KEY FEATURES

- **Protected and stable.** Shrinks around the load to hold it firmly and keep out rain and dust.
- **Manual or automatic.** Works with a hand-held heat gun or inside an automatic packaging line.
- **Awkward loads.** Follows the shape of glass, drums and mixed loads that are hard to wrap.
- **Made to your spec.** Thickness, width and color matched to your pallet and equipment.

## TECHNICAL SPECIFICATIONS

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

## CERTIFIED MANAGEMENT SYSTEMS

| | | |
|---|---|---|
| **ISO 9001:2015**<br>Quality management | **FSSC 22000 v6**<br>Food safety for PE bags and films, food and non-food use | **OK Recycled**<br>Recycled content to EN 15343 |
| **ISO 14001:2015**<br>Environmental management | **ISO 45001:2018**<br>Occupational health and safety | **EcoVadis Committed**<br>Sustainability rating |

*Certificates and declarations of compliance for supplier approval on request.*

## TYPICAL PROPERTIES

Typical values on **120 µm** film at 23 °C and 50 % RH, unless stated otherwise.

| Property | Test method | Unit | Typical value |
|---|---|---|---|
| **MATERIAL AND TOLERANCES** | | | |
| Material | — | — | **Co-extruded LDPE / LLDPE blend, 3 layers** |
| Thickness tolerance | ISO 4593 | % | **± 5** |
| Roll outer diameter | — | mm | **up to about 700 (500 kg at 150 cm)** |
| **SHRINK** | | | |
| Free shrinkage at 150 °C, MD / TD | ASTM D2732 | % | **60–75 / 20–40** |
| **MECHANICAL** | | | |
| Tensile strength at break, MD and TD | ASTM D882 | MPa | **30–40** |
| Elongation at break, MD and TD | ASTM D882 | % | **800–1,100** |
| 1 % secant modulus, MD and TD | ASTM D882 | MPa | **250–350** |
| Puncture resistance | EN 14477 | N | **40–60** |
| **OPTICAL** | | | |
| Haze, clear grades | ASTM D1003 | % | **20–35** |

*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:** 152 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 pallet size, load and shrink equipment. 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.*