

INDUSTRIAL PACKAGING · GRADE KP-CSS

# Compost & Soil Sacks

Light-proof printed sacks for compost, soil and growing media

| Thickness | Width | Light transmission | Flexo print |
|---|---|---|---|
| **90–150 µm** | **30–65 cm** | **< 1 %** | **up to 6 colors** |

## PRODUCT DESCRIPTION

Open-mouth PE sacks for compost, potting soil, peat and other growing media: strong enough for filling lines and pallets, and printed to sell in garden centers and farm stores.

Co-extruded film, white outside and black inside, keeps light away from the product, and UV stabilization protects sacks stored outdoors. Micro-perforation lets air escape during filling, so the sacks stack flat and tight.

## APPLICATIONS

- Compost
- Potting soil
- Peat and growing media
- Bark and mulch
- Organic fertilizer

## KEY FEATURES

- **Stored outdoors.** UV-stabilized film holds up in yards and garden centers.
- **Light-proof.** White outside and black inside keeps light away from the product.
- **Flat, stable stacks.** Micro-perforation releases air during filling, for tight pallets.
- **Shelf-ready print.** Up to six colors, up to 80 cm wide, for retail packs.

## TECHNICAL SPECIFICATIONS

| | | | |
|---|---|---|---|
| Thickness | **90–150 µm** | Bag width | **30–65 cm** |
| Bag length | **To your fill volume** | Fill volume | **20–80 liters** |
| Film | **Co-extruded, white outside and black inside, or to order** | Printing | **Flexo, 1–6 colors, up to 80 cm wide** |
| Options | **Micro-perforation, UV stabilization** | | |

## TYPICAL PROPERTIES

Typical values on **120 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 | **20–28 / 18–26** |
| Dart drop impact, method B | ASTM D1709 | g | **600–900** |
| Elmendorf tear, MD / TD | ASTM D1922 | N | **10–16 / 14–22** |
| Seal strength | ASTM F88 | N/15 mm | **30–45** |
| **OPTICAL AND DURABILITY** | | | |
| Light transmission, white/black film | ASTM D1003 | % | **< 1** |
| UV stabilization | ISO 4892-2 | months | **6–12** |

*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

- **Packing:** Bundles on pallets
- **Bag size:** To your fill weight
- **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 fill volume, print design and monthly quantity. We reply with a quote within one business day.

**contactus@karawiapack.com**
**WhatsApp +20 121 202 6661**

## 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.*

*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.*