

INDUSTRIAL PACKAGING · GRADE KP-WT

Warning & Barrier Tape

Printed PE warning tape for buried services and barrier tape for sites

Thickness	Width	Print	Types
50–150 µm	**from 5 cm**	**Your text and colors**	**Warning · barrier**

PRODUCT DESCRIPTION

Printed polyethylene tape in two types: warning tape, laid in the trench above buried cables and pipes so diggers know what lies below, and barrier tape, strung between posts to mark off excavations, work sites and hazards.

Both are made from the same LDPE film and printed in-house with your text and colors, for example “CAUTION: ELECTRIC CABLE BELOW” or “DANGER: DO NOT ENTER”. Widths start at 5 cm and roll length is made to order.

APPLICATIONS

- Electric cables
- Gas pipelines
- Water mains
- Telecom and fiber lines
- Excavations and work sites
- Hazard and accident areas

KEY FEATURES

- **Clear warning.** Bright colors and repeated text that people see at once.
- **Your text and color.** Printed in-house with your wording, language and colors.
- **Weather- and rot-proof.** Polyethylene does not rot in the soil and stands up to sun and rain on site.
- **Easy to use.** Rolls unwind straight into the trench, or between posts around a site.

TECHNICAL SPECIFICATIONS

Thickness	**50–150 µm**	Width	**from 50 mm**
Roll length	**To order**	Material	**LDPE**
Colors	**Utility colors, red/white, yellow/black or to order**	Printing	**Flexo, text or stripes repeated along the tape**
Warning tape	**Non-detectable**		

TYPICAL PROPERTIES

Typical values on **100 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	**15–25 / 13–22**
Elongation at break, MD / TD	ASTM D882	%	**300–500 / 500–700**
Elmendorf tear, MD / TD	ASTM D1922	N	**1–2 / 2–4**

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:** Roll length to order
- **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 warning or barrier tape, the width, colors, the text to print and the total length. 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.