

# COLOP e-mark® black pigment ink – Product data sheet and description

## Short description

The COLOP black pigment ink cartridge offers a pure black as well as water and eco-solvent resistant print on porous/absorbent surfaces.

The ink has been tested in respect of erasure, light fastness, resistance to ethanol, hydrochloric acid, ammonium hydroxide, bleach and water in compliance with DIN ISO 14145 Part 2 "Roller ball pens and refills. Part 2: documentary use (DOC)".

For these tests following special-purpose paper recommended by the ISO Central Secretariat in DIN ISO 14145-1 has been used:

*Write Test Paper ISO 14145 produced by Aurora Trading sarl, CH-1350 Orbe, Switzerland*

**Attention:** Remove the cartridge from the e-mark during long usage breaks. After removing from the e-mark, please close the cartridge with the enclosed cartridge clip to prevent the ink from drying out. Always clean the blue silicon pad of the clip before you put it on the cartridge.

## Usage

The black pigment ink is intended exclusively for use with COLOP e-mark devices. Remove the clip from the cartridge and insert the cartridge into the e-mark. Never touch the contacts on the cartridge or the print head. To ensure consistently high print quality, we recommend regular use of the device. If the print quality deviates, the print head can be cleaned via the app or with a damp cloth. Instructions can be found in the help centre ([Print head cleaning instructions](#)). If the cartridge is empty, it can be replaced in a few simple steps.

The black pigment ink is not suitable for use with the following COLOP e-mark accessories:

- PVC cards and signs: item no. 156477, 156478, 156479, 156480
- Endless label white glossy and transparent: item no. 155361, 155362

*Any handling other than that described in this document does not comply with the purpose of this product.*

*The product is not a children's toy.*



## Product features

- Pure black imprints
- Easy handling
- Good water and solvent resistance and print quality
- Product lifetime sealed – 1 year after production
- Product lifetime opened – 3 months after opening or 3 months up to the end of the one year sealed lifetime

## Product information

<b>Ink</b>	Pigment-based, Black
<b>Print quality</b>	600 dpi
<b>Print technology</b>	Inkjet
<b>Imprint yield</b>	~ 5000 imprints of the reference imprint*
<b>Max. height of imprint</b>	14.5 mm / 0.57"
<b>Printable surfaces</b>	Absorbent surfaces incl. paper, cardboard, unprocessed wood,... Non-absorbent surfaces have to be tested first
<b>Dimensions of cartridge</b>	48 x 32 x 45 mm / 1.89" x 1.26" x 1.77"
<b>Weight (with / without packaging)</b>	52 / 43.3 g
<b>Packaging dimension (L x W x H)</b>	62 x 35 x 85 mm / 2.44" x 1.38" x 3.35"
<b>Weight of master case (10 pieces)</b>	640 g
<b>Dimensions of master case (L x W x H)</b>	205 x 155 x 105 mm / 8.07" x 6.1" x 4.13"
<b>Compatibility</b>	COLOP e-mark, e-mark create and e-mark go
<b>Country of origin</b>	Germany

Art. No.	Description	EAN 13
155246	Pigment Black Ink Cartridge	9004362000013

\*Reference imprint:

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