



TECHNICAL DATA SHEET

Kelmaplast No. 06 detectable tape with two sinusoidal stainless steel wires

product information:

co-extruded foil, with two earth contacted stainless sinusoidal steel wires (1.4301) which can realize an elongation up to 10 %, laminated between two layers of polyethylene films => print is sealed with a clear and scratch-resistant film lamination and permanently legible, resistant to ageing and rot caused by heat, cold and humidity even in aggressive grounds, colourfast, free of PVC and heavy metals, the end of the rolls can be easy connected by the help of crimp connectors, standard tape colours: yellow, blue, green, red (other tape colours and measures upon request), printing ink is black.

The copper wires are prepared by *KELMAPLAST* for connecting the ends of the rolls.

type of testing	target/actual values
material	special polyethylene
thickness (according to DIN 53370)	150 µm ± 20 µm
width (other sizes available upon request)	40 mm – 300 mm ± 2 %
length	250 m ± 0,5 m
diameter of the steel wires	0,5 mm
tape colours	standard: yellow, blue, green, red
printing ink	standard: black
tensile strength - foil (acc. DIN 53455) test conditions: 100 mm/min ± 10% 24 h with 23° C ± 2 °C	≥ 20 N/mm ² (foil)
temperature resistance	≥ -20 °C till < +70 °C
chemical resistant against	25% HNO ₃ 20% Na ₂ CO ₃ 20% (NH ₄) ₂ S
text	standard prints or specified by customer



All the above-mentioned information is given in good faith, but the figures are typical values only and should not be taken as guarantee of performance. Manufacturing tolerances for dimensional and technical characteristics apply and are available on request. The company reserves the right to improve the product and adjust the specification without notice.