



## Technical Data Sheet

# KELMAPLAST No. 04

## detectable tape with stainless steel band

### description:

co-extruded foil made of polyethylene, with one earth contacted stainless steel band (1.4301), laminated by hotmelt against the bottom side of the basic foil, 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)

type of testing	target/actual values
material	special polyethylene
thickness (according to DIN 53370)	200 µm ± 20 µm
width	40 mm - 200 mm ± 2,0 %
length	250 m ± 0,5m
steel band measure	0,1 mm x 10 mm
tape colours	standard: yellow, red, blue, green
printing ink	standard: black
tensile strength – foil (acc. DIN EN ISO 527-1) test conditions: 100 mm / min ± 10 % 24 h at 23° C ±	≥ 20 N/mm <sup>2</sup> (foil)
temperature resistance	≥ -20°C till < +70°C
chemical resistance (acc. DIN ISO 175) no changing in colour after 24 h storage	25% HNO <sub>3</sub> (acc. DIN point 6.1) 20% Na <sub>2</sub> CO <sub>3</sub> 20% (NH <sub>4</sub> ) <sub>2</sub> S
print	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.