



Technical Data Sheet

KELMAPLAST No. 18 **underground warning tape** **“Blue Angel”**



Description:

According to German FTZ specification 548464 TV 1 and in compliance with BS 2782, co-extruded foil made of polyethylene, certified according to the “Blue Angel” specifications from at least 80% recycled raw materials and thus CO₂-reducing, certification no. 35373, density 910 - 920 kg/m³, resistant to ageing and temperatures, colourfast, free of PVC and heavy metals, permanently legible by a transparent film lamination, standard printing ink is black, other tape Colours and measures upon request possible

Type of testing	Target/actual values
Material	Polyethylene (made from at least 80% recycled raw materials)
Thickness	150 µm ± 20 µm
Width	40 mm – 310 mm ± 2 %
Length	250 m ± 0,5m
Tape colours	Standard: yellow, red, blue, green
Printing ink	Standard: black
Tensile strength (acc. DIN EN ISO 527) speed: 100mm/min ± 10 % condition: 24 h at 23° C ±	≥ 20 N/mm ²
Elongation (acc. DIN 53455)	Till 300 %
Temperature resistance	≥ -20°C till < +70°C
Chemical resistance after 24H storing no changing in colour	25% HNO ₃ 20% Na ₂ CO ₃ 20% (NH ₄) ₂ 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.