Metal detectors are the most economical, reliable and therefore also the most frequently used devices for the detection of possible impurities during the production of foodstuffs according to the EU directive 2002/72/EC.

Metal detectable labels guarantee the reliable recognition of possible label residues in the production of foodstuffs, pharmaceuticals and cosmetic products.

Metal detectors in the food industry
Metal detectors for food are mainly used to protect consumers. Despite the greatest care, contamination of foodstuffs with consumables such as labels, ballpoint pens, hearing protection, etc. cannot be completely excluded during manufacture. The use of metal detectable materials in combination with metal detectors ensure effective protection and can be used at every stage of the production process. An electronic alternating field is generated. As soon as a metal part passes the detector, a fault occurs and the detector reports metal contamination. The contaminated product is immediately removed from the production line.

ENDURO Metal detectable
The use of ENDURO Metal detectable labels gives both users and consumers security and efficiency. Thanks to the electrical conductivity of the material, labels or pieces of labels produced using this material cannot inadvertently enter food without being rejected by the metal detectors during production/processing.

ENDURO Metal detectable is a compound material consisting of a electrically conductive film core sandwiched between two layers of paper. Therefore ENDURO combines the best properties of paper with the properties of film with regards to printability and durability.

Sihl offers two new products, with a better opacity, higher tear resistance and resistant to temperatures up to 250°C: **6920 ENDURO Effect 265 Metal detectable** guarantees a universal printability thanks to the premium gloss finish of the paper. Especially good for on-demand printing in thermal printers used for printing barcodes and variable product information. While **7037 ENDURO Thermal 225 Metal detectable** is the metal detectable labels material for thermal direct printing.
What we are

Sihl is the leading expert for printing media solutions in a fast growing digital imaging market. As a high-performing, international company, Sihl offers all-important technological expertise and in-depth, comprehensive knowledge of the industry.

With its futureproof product solutions, Sihl strengthens its customers’ market position and makes a significant contribution to improving its customers’ and partners’ added value with innovative services.

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