

# FERROXCUBE —your global partner

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FERROX«TAG»



R F I D

THE SAFEST IN FOOD SUPPLY

FERROX«TAG»



SMART ON METAL

SMART ON LIQUID

SMART AT SPEED



FERROXTAG helps to solve most of the problems related to batch tracing in the food and pharmaceutical industry. Thanks to its magnetic core it's able to attract the magnetic field and work around and even inside liquids.

Asset tracking was never so easy, now you can attach the tag to the item, it doesn't

matter if it's plastic, carton or a metal packing. Metallic products like beer kegs or gas cylinders have always been a very difficult task for RFID tags. UHF tags are almost impossible to use: both reader and tag get detuned, and reflections make it difficult to get accurate readings. In most of the cases, high frequency tags are used with a large spacer to the metallic surface. This is a solution, but the reading range is very limited, and the tags have to be placed in a very visible place, to ensure enough magnetic field to power the IC. FERROXTAG enables mounting on the handles, in a very well protected place, and still keep a safe reading range: 10 to 20 cm with a simple 1 watt reader.

With FERROXTAG it's possible to identify the standard or metallic pallets. The greatest advantage over standard tags is the possibility to place it not in the front but in between two of the crossing woods. In this way, the product is protected against shocks from the forklift. Individual plastic boxes can also be identified: it doesn't matter whether they contain beverages, vegetables, fish, meat...

FERROXTAG enables easy and reliable identification, even screwing or gluing or

fixing special caps of FERROXTAG on the item. The encapsulation is robust enough to withstand harsh environments, and the size is small so it can be placed in everywhere.

If you like us to help you choosing between the different options, just don't hesitate to contact your regional sales office and we will show the performance of the product. Even, if you are interested, we can supply suitable readers for your installation and develop software to start tracing your assets and goods.

**DETAILED INFORMATION**

It can contain all information relating to the product: brand, date of production, batch, content, expiry date, price, etc.

**ROBUST AND EASY TO USE**

The encapsulation is robust enough to withstand harsh environments, and the size is so small that it can be placed everywhere.

**RADIO IDENTIFICATION**

Handy reading range, easy and reliable identification. It can be mounted in an invisible place. Individual boxes or pallets can also be identified: it does not matter whether they contain beverages, vegetables, fish, meat...

**FERROX** «TAG»

**PRODUCT TRACEABILITY**

Comply with European law on traceability. Ferroxtag will give you a quick and simple quality control, obtaining from the first moment better productivity and quality.

**INVENTORY IN REAL TIME**

Realize automatically the incoming and outgoing control of goods from warehouse or refrigeration room, know the real stock.