



Anti-Metal UHF RFID Stud Tag IDTS-D50 (50 mm Disc)

Model IDTS-D50 · Brand: Identium



A 50 mm anti-metal UHF RFID disc with a central threaded stud, screwed into metal assets instead of stuck on. For gas cylinders, moulds, dies, valves and heavy tooling that see heat, grease and rough handling.

KEY FEATURES

- **Anti-metal: approx. 5 m read range when mounted on metal**
- **Central threaded stud, M3–M8; internal or external thread on request**
- Rated for –40 °C to +200 °C
- NXP UCODE 8 on ISO 18000-6C with 128-bit EPC and 96-bit TID
- Metal alloy body with PCB antenna potted in epoxy resin
- 50 mm disc, 7 mm thick, 26 mm overall height with stud

APPLICATIONS

Gas cylinders

Moulds and dies

Heavy tooling

Valves and flanges

Pumps and gearboxes

Steel pallets and cages

SPECIFICATIONS

Frequency	860–960 MHz (covers India's 865–868 MHz band)
Protocol	ISO 18000-6C
Chip	NXP UCODE 8
Memory	EPC 128 bits, TID 96 bits
Read range	Approx. 5 m on metal (depends on reader/writer performance)
Material	Metal alloy + PCB + epoxy resin
Dimensions	Ø 50 × 7 mm disc; 26 mm overall height including stud
Mounting	Central threaded stud, M3–M8; internal or external thread customisable on request
Operating temperature	–40 °C to +200 °C
Colour	Silver metallic body, black epoxy top face
Surface	Designed for mounting directly on metal