

iDTRONIC's ABS Disc Tags perfectly fit for the identification of objects in industrial and logistics applications. They are very robust and have been designed for a rough environment.

They are available in 3 different dimensions with 125 kHz or 13.56 MHz technology.

Applications:

- Warehouse
- Production
- Logistics



Technical Data

Diameters:	Ø 22 × 2.4 mm (no centre hole) Ø 30 × 2.1 mm (3 mm centre hole) Ø 50 × 2.1 mm (5 mm centre hole)	Surface: Opaque Operating Temperature: -40 °C to +75 °C Colour: black Material: ABS
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Available 125 kHz Systems:

IC Type	Memory	Mode	Anti-Collision	Antenna	Order Code
EM 4100 / 4200	64 bits	Read-only	No	Wire	DT-ABS-4100
EM 4550	1024 bits	R/W	No	Wire	DT-ABS-4550
Atmel Temic 5567	224 bits	R/W	Yes (AOR)	Wire	DT-ABS-5567
NXP Hitag 1	2048 bits	R/W	Yes	Wire	DT-ABS-HT1
NXP Hitag 2	256 bits	R/W	No	Wire	DT-ABS-HT2

Available 13.56 MHz Systems:

IC Type	ISO	Memory	Anti-Collision	Antenna	Order Code
NXP Mifare MF1S50	14443A (1-3)	1024 Bytes	Yes	Wire	DT-EPX-MFS50
NXP I-Code SLI	15693	1024 bits	Yes	Wire	DT-EPX-ICSLI
TI Tag-it HFI Plus	15693	2048 bits	Yes	Wire	DT-ABS-HFI

Other IC types available on request!