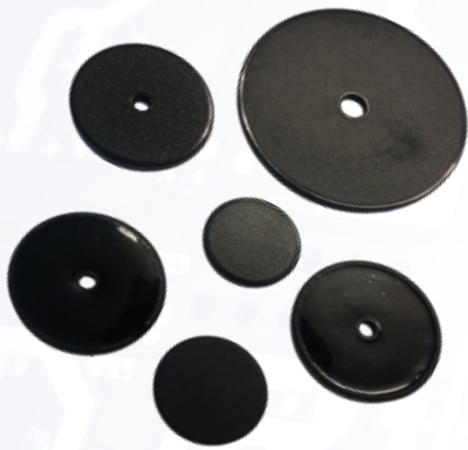




Small and robust Tags



Potted Disk Tag

Potted Disk Tag is the best solution for a wide range of applications with critical conditions, where robustness and reliability are required.

Potted Disk Tag is available for different Operating Frequencies (13.56MHz, 125kHz, 134.4kHz), Standards and can integrate main RFID Tags on the market.

Typical use is for Waste Management and Asset Tracking.

Functional Specifications:

Operating Frequency	13.56MHz (+0.5/-0.2 MHz)	125kHz ± 6kHz or 134.4kHz ± 3kHz
Standard	ISO 14443 (Mifare) / ISO 15693 (Icode)	Non-ISO (R/O) ISO 11784 (R/W)
Supported Chips	Icode SLI - 1024 bits, R/W Mifare 1K - 1024 bits, R/W Mifare 4K - 4096 bits, R/W	Hitag S32 - 32 bits, R/O EM4102 - 64 bits, R/O TK4100 - 64 bits, R/O Hitag S256 - 256 bits, R/W EM4305 - 512 bits, R/W Hitag S2048 - 2048 bits, R/W

Physical Specifications:

Operating Temperature	-25 to +70°C
Storage Temperature	-40 to +85°C
Protection	IP67
Mechanical Vibrations	10g, 20-1000Hz, 3 axis, 10 cycles/axis
Mechanical Shock	20 g, half-sine, 18ms, 3 axis, 6 times/axis

Environmental Specifications:

Diameter	20 / 30 / 50 mm +/- 10%
Thickness	2,2mm (disk 20 / 30) - 3,2 mm (disk 50) +/- 10%
Hole	No hole (disk 20) - 2,0mm (disk 30) - 4,5mm (disk 50) +/- 10%
Material	Poly Carbonate Base + Epoxy
Color	Green / Black

