

Passive Waterproof RFID Tags



SYNO**Tag** | RFID™

Waterproof RFID Tags

Passive 125 KHz or 13.56 MHz waterproof RFID tags. Suitable for applications where a waterproof tag in this form-factor is desired with read distance of up to 80 mm (depends on reader). Tag 17 can be used for high temperature applications of up to 200 degrees C for 15 mins.

<u>Tag Type</u>	<u>Material</u>	<u>Dimensions</u>	<u>Thickness</u>	<u>Read Distance</u>
Tag 13	PVC	Ø 13mm	1.4 mm	50 mm
Tag 17	Nylon	Ø 17mm	3 mm	60 mm
Tag 18	PVC	Ø 18mm	1.5 mm	60 mm
Tag 25	PVC	Ø 25mm	1.5 mm	70 mm
Tag 30	PVC	Ø 30mm	1.5 mm	80 mm

- » Read distances calculated using GK4001 IC with EM 9917 Reader
- » Operating temperatures: -40C ~+70C
- » Tag 17 has been used at 200 Degrees C for up to 15 mins
- » Not all IC's available for each tag. Please check PDF specification sheet.

Available IC's

- » GK4001 (125 KHz, 64bit, R/O)
- » H4102 (125 KHz, 64 bit, R/O)
- » Temic e5557 (125 KHz, 256 bit, R/W)
- » I-Code (13.56 MHz, 512 bit, R/W, ISO 15693 & ISO/IEC 15693)
- » Mifare 1 S50 (13.56 MHz, 1K Byte, R/W, ISO 14443 A)

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