

# ICS ZipTag

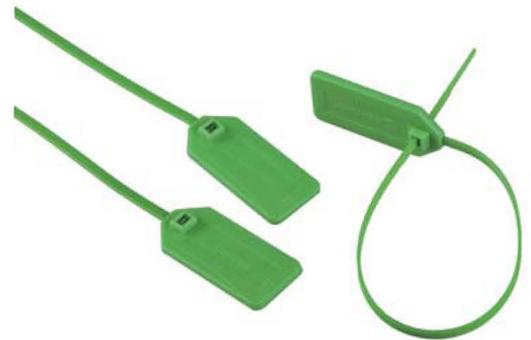
The unique zip tie design of the ZipTag makes it the ideal solution for difficult to tag assets, including cylinders, tanks, kegs and tools.

## Physical Specification

<b>Dimension:</b>	60x28x2.7 mm 2.36" x1.10" x0.11 in
<b>Zip Tie Length:</b>	300/350/400 mm or customized
<b>Casement:</b>	ABS
<b>Color:</b>	Green/customized
<b>Printing:</b>	100% Performance Test
<b>Attachment Method:</b>	Cable zip tie

## Electrical Specification

<b>Protocol:</b>	ISO/IEC 18000-6C & EPC global Class 1 Gen 2
<b>Operating Frequency:</b>	866-869MHz 902-928MHz
<b>Integrated Circuit [IC]:</b>	Alien H3
<b>EPC Memory:</b>	128 bits
<b>User Memory:</b>	512 bits
<b>Unique TID:</b>	96 bits
<b>Access Password:</b>	32 bits
<b>Kill Password:</b>	32 bits
<b>Read Range (2W EIRP Reader)</b>	EU: Up to 6 meters US: Up to 6 meters
<b>Expected read cycles:</b>	100000 cycles
<b>Data retention:</b>	10 years



### KEY Features

- Easy, permanent attachment method
- IP67 water resistant rated
- Read range up to 6 meters
- Customized zip tie length available

### Application

- Packaged Gas Cylinders
- Keg & Beverage Tanks
- Cabling
- Medical Assets
- Industrial/Commercial Tools

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## Environmental

**Operating Temperature:** -20°C - 50°C (-4°F - 122°F)

**Operating Humidity:** 30 % ~ 70 %

**Storage Temperature:** -20°C - 50°C (-4°F - 122°F)

**Storage Humidity:** 30 % ~ 70 %

**IP Rating:** IP 67

**Expected lifetime:** 2 years

**Guarantee:** 2 years

**Certificate:** EPC Global

## Note

1. US means the read range tuned the best between operation frequency 902-928MHz. It covers the region of America countries and most of Asia countries.
2. It can only be used to metallic surface. When you hang the tag in work, the back of tag needs to be hung near the metallic surface.
3. The read rate and lifetime of the tag will depend on the temperature conditions. Cold temperatures below specification may slow read rates. High temperatures can cause erratic performance.
4. The performance will be better when it fixed to the edge of the metal.

