

MetalTag™ Impact

Rugged Read-on-Metal UHF RFID Tag



MetalTag™ Impact is a true Read-on-Metal EPC Gen 2 compatible UHF RFID tag with a ruggedized outer coating. Constructed using our patented elastomer and a robust exoskeleton, MetalTag™ Impact can withstand severe outdoor conditions, wide temperature variation and significant shock.

Material Characteristics

- EPC Gen 2 Read on Metal RFID Tag
- Small form factor (2.7" x 0.8")
- Thin (0.170"), impervious silicone elastomer
- Performance independent of altitude
- Available with integral pressure sensitive adhesive
- Supplied with optional metallic ground plane for additional applications (e.g. read-on-liquids)

Bar Code - Human Readable

- Available with pre-encoded bar codes and human readable content
- Available with paper or polyester labels
- Custom color labels



MetalTag™ Impact's small form factor and excellent read range on metal make it ideal for asset tracking & supply chain applications where challenging environments exist.

Typical Properties

Frequency	UHF
Protocol	EPC Gen 2
Service Temperature	-40F to 185F (-40C to 85C)
Weight	10 grams
Size	2.7" x 0.8" x 0.17" 69mm x 21mm x 4.4mm
Read range (nominal, FCC protocol)	8'-12' 2.5m-4m