

> The Sentinel Platform

Starport's RFID's Sentinel line of high-performance, cost-effective, and application-specific RFID tags are based on a printed circuit board platform. This well-established manufacturing process offers unsurpassed reliability and consistency in read range performance. At the core of the tag is a fiber-reinforced composite material that gives the Sentinel tag its innate ruggedness. The innovative, patented tag design enables fast prototyping and affordable customization - essential to the expanding requirements of the RFID industry.

> Sentinel 06D Specifications

Physical	
Dimensions	6mm diameter X 3.6mm tall (0.24" x 0.16")
Use Case	On metal
Attachment	Site applied adhesive
Weight	0.5 grams
Electrical/RF	
Typical Read Range	3-4 feet at 36 dBm ERP
Frequency	902-928 MHz
IC Platform	Impinj Monza R6P
IC Memory	Up to 128-bits of EPC memory, 96 bits of Serialized TID with 48-bit serial number, up to 64 bits of user memory
Environmental	
Classification	IP67
Operating Temperature	-50°C to +85°C (-58°F to +185°F)
Temperature Tolerance	-50°C to +185°C (-58°F to +365°F)
Steel Ball Drop Test	18" drop with 1" diameter steel ball