Sentinel 1005
ON-METAL
RFID TAG

❯ 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 1005 Specifications

Physical	
Dimensions	10mm x 5mm x 3mm (.39" x .20" x .12")
Use Case	On metal
Attachment	Site applied adhesive
Weight	1 gram
Electrical/RF	
Typical Read Range	6-7 feet at 36 dBm ERP
Frequency	902-928 MHz
IC Platform	Impinj Monza R6-P
Memory	EPC memory of up to 128 bits, 96 bits serialized TID and 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