



Impinj® Monza® 4QT UHF RFID Silicone Laundry Tag



SKU:	RS-M4QT-LTWS-5512
Chip Type:	Impinj® Monza® 4QT
Frequency:	UHF 860–960 MHz
EPC Memory:	128 bits
User Memory:	512 bits
Protocol:	ISO/IEC 18000–63, EPCglobal Gen2v2
IP Rating:	IP 68
Industry:	Healthcare, Hospitality
Applications:	Laundry



The Impinj® Monza® 4QT UHF RFID Silicone Laundry Tag is a durable, high-performance tag designed for textile and laundry applications. Operating within the 860–960 MHz UHF frequency range, it features 128-bit EPC memory and 512-bit user memory, supporting EPCglobal Gen2v2 and ISO/IEC 18000–63 protocols.

With an IP68 rating and a silicone body measuring 55×12×2.5 mm, this lightweight tag (1.94 g) is ideal for embedding inside cloth bags and securing by sewing for reliable, long-lasting tracking.

Physical Information	Material	Silicone
	Size	55×12×2.5 mm
	Weight	1.94 g
	Surface Color	White
	Operating Environment	-40°C~+85°C
	Storage Environment	+18°C~+28°C, 40%~60% RH
	Mounting Method	Sew

Technical Information	Operating Frequency	860~960 MHz
	Protocol	ISO/IEC 18000-63, EPCglobal Gen2v2
	Chip Type	Impinj® Monza® 4QT
	EPC Memory	128 bits
	User Memory	512 bits
	Read Range (on metal)	Handheld Reader: Over 7 meters(using 30dbi power handheld)
	Security Features	32 bits Access Password
		32 bits Kill Password

Testing Information	Drop Test	Passed 200 drops from 1 meter
	Alcohol Test	Passed by cleaning with 95% alcohol
	Gasoline Testing	Passed by cleaning with 92# gasoline
	High and Low Temperature Alternation Test	-40°C to +150°C 7 times high and low temperature alternation cycle, a total of 2 consecutive days of testing passed
	IP Rating	IP 68

Packaging Information	Packing Format	Packed in carton
-----------------------	----------------	------------------

Size and Specification Drawing
(Unit: mm)

The technical drawing shows two views of the RFID tag. The top view is a rectangle with a width of 12 mm and a length of 55 mm. A central circular feature has a diameter of 47 mm. The side view shows the tag's thickness is 2.5 mm.