

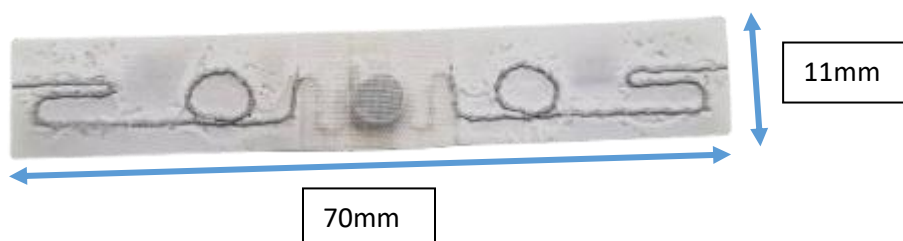
UHF Fabric Laundry Tag

Product Code: U9E31129

Fabric Laundry Tag is Rugged Design specially for Laundry & Linen management. These tags are designed to meet all Requirements in terms of Pressure, Heat, and chemical Resistant in the Application of Contactless Tracking of garments in Textile Rental & Dry Cleaning.



Tag Dimensions



Electrical Specifications

Air Interface Protocol	ISO/IEC 18000-6C, EPC Global C1G2
Operational Frequency	860 – 960 MHz
Chip	Impinj M750
Memory Configuration	EPC–96 bits
	TID – 96 bits unalterable unique
	User memory – 32 bits
	Access password – 32 bits
	Kill password – 32 bits
Data Retention	50 years
Write endurance	100,000 cycles
Read Range*	Up to 7.0 meter on fixed reader with linear antenna
Operating temperature	-40°C to +150°C 180°C for 30 minutes 204°C for 20 minutes
Water pressure	300 bar for 5 min, 45 bar for 10 hours
Axial & radial compression strength	1000 N for 10 sec
Storage temperature	-40°C to +85°C
Ingress protection rating	IP68
Wash Cycles	Up to 200 cycles
Attachment	Sewing / Ironing
Applicable surface	All types of cloths

Physical and Mechanical Specification

Dimensions	70 x 11 ± 0.3 mm
Thickness	0.7mm, (up to 2.4mm at centre)
Colour	White
Weight	0.5 g
Encasement	Washable fabric
Quality Assurance	100% reader tested

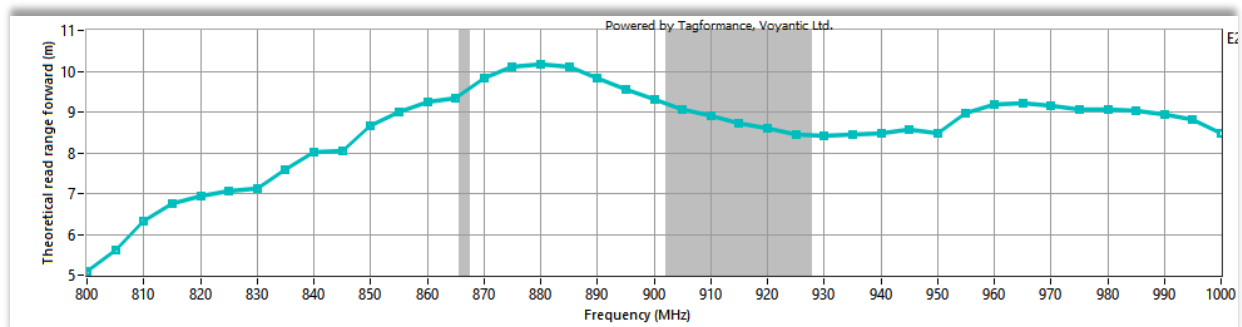
Chemical Resistance

Resistant to continuous exposure to salt water for 2 hours

Resistant to continuous exposure to motor oil for 2 hours

Additionally, abrasion resistant against HCL and IPA

Linear Frequency Graph



Additional Services

Pre-encoding	On request
Customization***	Logo / text printing on request

Order Information

U9E31129	With Impinj M750 chip
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- * Actual read range may vary depending upon the reader
- ** Other on request
- *** Available as an option at extra cost

Omnia Technologies Pvt. Ltd.

Plot No. 68, Sector-5, IMT Manesar, Gurugram, Haryana-122050, INDIA

Email: sales@omniatags.com