

## HF+UHF Laundry Tag

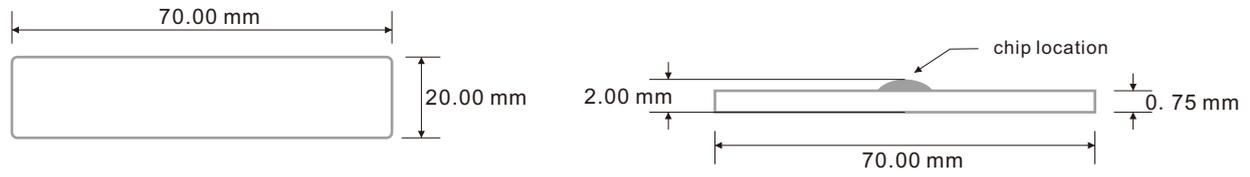
OS 38243



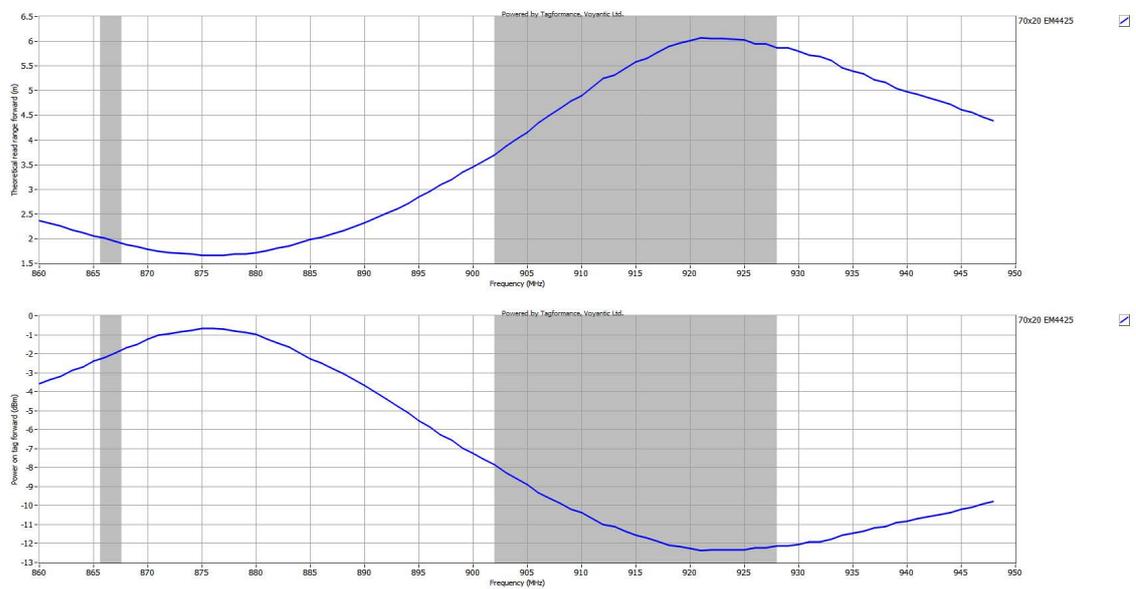
OS 38243, based on flexible antenna and woven, is a HF&UHF laundry tag, adopt EM4425 dual-band chip, support IOS high-security two-way authentication, special for linen laundry management. The tag can withstand more than 200 industrial washing cycles, with thin thickness, long reading distance, pressure and high temperature resistance. The laundry tag has a unique global identification code, by sewing a tag on each piece of linen. In the entire use of linen, users can do batch reading and check the linen pretty quickly by RFID reader, automatically record the use of linen, washing times. It will make the handover of washing tasks simple and transparent, and greatly improves the efficiency of inventory inspection by the UHF laundry tag. Meanwhile, users can predict the service life of the current linen and make purchase plans through the data collection of washing times.

Model	OS 38243
RFID Standard	UHF: ISO\IEC 18000-6C, EPC Global GEN2 V2.0 HF: ISO\IEC 15693 TYPE A; NFC: FORUM TYPE5
Frequency	860-960 MHZ & 13.56MHz (worldwide)
Length x Width	70 x20 mm (2.7x0.8 in)
Thickness	2.0 mm(0.08 in) on chip location only, Rest of tag is 0.75 mm(0.03 in)
Weight	0.8 g
Material	Polyester
Chip Type	EM4425
Memory	UID-64 bits, TID- 96 bits 2048-bits used for HF +UHF USER memory
Data Storage	> 15 years
Re-write	100,000 times
Read Range(Fixed Reader)	UHF - 6.0 m
Read Range(Handheld Reader)	UHF - 6.0 m
Read Range(HF Desktop Reader)	HF - 2.0 cm(14.2MHz)
Installation	Sewn inside the hem or pouch
Warranty	200 washing cycles or 3 years, whichever comes first
Washing Method	Laundry, Dry cleaning
Water Extraction pressure	60 bars
Chemical Resistance	Detergent, Softener, Bleach (Oxygen/ Chlorine), Alkali
Washing Temperature	90°C (194°F) /15 minutes
Pre-drying in Tumble	180°C (356°F) /30 minutes
Ironing Temperature	185°C (365°F) /10 seconds
Sterilization Temperature	135°C (275°F) /20 minutes
Humidity/ Temperature-Operating	-20~+85°C (-4~+185°F) / 8~95%RH
Personalization	Serial number, LOGO printing, Encoding, Antenna design.etc
Applications	Industrial washing/Management of uniforms Medical apparel management/Military clothing management

## Dimensions



## Read Range(2W ERP)



## Application

