



UHF RFID TAG FOR RUBBER EMBEDDED APPLICATIONS-MATS

2016

USMAT 95 is a wash proof, heavy industry laundry tag that has been specially developed to achieve maximum performance when vulcanized into any existing mat.

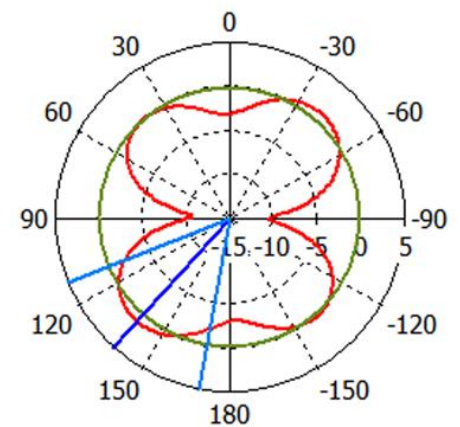
It is 15*60mm in size and it has a range of 3 meter read performance inside a 3mm thick rubber mat.



Technical Data

Dimensions (mm)	15 x 60 x 1.4
Material	%100 Cotton
Operating Temperature	Vulcanization: 170°C, 10 minutes Washing: 90 °C, 15 minutes Drying: 180°C, 3 minutes
Mechanical Resistance	Up to 55 bars
Washcycle guarantee	200 cycles or 2 years
Frequency	865-868 MHz (EU) 902-928 MHz (USA)
Transponder Chip	Impinj Monza 5 ISO18000-6C, EPC Class 1 Gen 2 96 bit EPC memory

Farfield Directivity Abs (Theta=90)



Phi / Degree vs. dBi

