Flexible RFID UHF silicone spring laundry tag

Descriptions of RFID Laundry Tags

Silicone RFID Laundry tag or RFID clothing tag is a nontransferable tag with a securely sealed RFID inlay inside to reliably store and transfer data. It is resistant of high temperature and harsh environment and particularly used in line management and laundry chains. Tags offered in different size, and can be affixed by sewing, gluing, be pinned or tied on. RFID UHF laundry tag is a waterproof RFID tag.

Applications of UHF RFID Laundry Tags

The tag is designed based on spring and silicone base material, small size, great reading rate and perfect reading distance reaching 6 meters. Also it is with water-proof, flexible and high washing cycle ability up to 225 wash or dry cleaning cycles for use in any hotel, spa, hospital, retirement home, sports club laundry and linen management application.

The type of RFID tags for sale can be widely applied to textile industries including apparel, leather garment, towel, bedding and clothing, etc.

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Specifications of RFID UHF Laundry Tags

RFID protocol	ISO/IEC 18000-6 Type C (EPC Gen2)
Material	Silicone
Dimension	88(W) x 4.0(D) x 4.0(H)mm
Weight	1.85g
Operating frequency	860– 960 MHz
IC	Alien Higgs-3
EPC memory	96 bits to 480 bits
User memory	512 bits
Reading range	Up to 7m
Installation	Sewing or insert
Lifetime	225 washing cycles or 3 years, whichever comes firs t.
Environmental Resistance	
Washing method	Laundry, Dry cleaning

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Water Extraction Pressure	60 bar	
Water Resistance	Yes	
Chemical Resistance	Detergent, Softener, Bleach (Oxygen/ Chlorine), Alkali	
Heat Sterilization	125 °C for 15-20 minutes - 150 cycles	
Heat Resistance	Dry cleaning	85 °C (up to 60 min.) or 120°C (up to 30 min.)
	Ironing	230°C (up to 60 sec. with press cloth)
Humidity / Temperature	Operating	-20 to 50 °C , 10 to 95%RH
	Storage	-40 to 55 °C , 8 to 95%RH

We are professional laundry RFID tag manufacturers and we can provide you high-quality UHF RFID laundry tag.

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