DUAL FREQUENCY 70x15x1,5 mm TEXTILE LAUNDRY UHF-NFC RFID TAG ISO18000-6C - ISO15693 EPC Class 1 Gen 2

Product:	DUAL FREQUENCY UHF-NFC RFID LAUNDRY TAG with more than 200 industrial washing cycle times, capable of 60 bar pressure, stable and reliable RF performance for embedding by edge sewing (or optional heat sealing version).	
RFID Chips Options:	UHF-NFC ISO18000-6C and ISO15693 EM4425 (64 bits NFC UID, 96 bits UHF TID + up to 480 bits UHF EPC memory.	
Read Range (ON METAL):	Fixed Reader: up to 4 m /Handheld: up to 2 m	(Depends on reader power)
Frequencies:	UHF: 860 MHz … 960 MHz	NFC: 13,56 MHz
Dimensions / Weight:	70 x 15 x 1,5 mm	~ 0,6 g
Material / Colour / IP Rate:	Textile / White / IP68	**Pressure:** 60 bars
Minimum Order Quantity:	1000 pieces	Single pieces bulk in bag
Operating-Storage-Temperatures:	-40°C ...+85°C	-40°C…+120°C
Short Term Temperatures:	Washing: 90°C 15 minutes, 200 cycles Pre-drying180°C 30 minutes, 200 cycles	Ironing: 180°C 10 s, 200 cycles Sterilization: 135°C, 20 minutes
Autoclave:	Air removal: 100°C, 5 minutes, 0,1 bar Sterilizing: 134°C, 10 minutes, 3,25 bar	Drying: +45°C, 0,2 bar, 15 minutes,
Chemical Resistance:	Normal common washing chemicals	
Certification / Other:	CE OEKO-TEX® REACH SVHC	RoHS ✔
Part Description:	70x15x1,5mm-TEXTILE-LAUNDRY-DUAL-FREQUENCY-TAG-UHF-NFC-EM4425	Part-No. 123457358

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Rev. 01

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Options:

- Customised logo printing
- Serial Number printing
- UID-TID Number printing

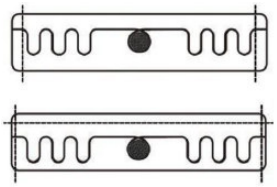
These rugged RFID transponders are used by system integrators or endusers to identify all kind of textiles in industrial harsh environment like laundry systems and others.

Applications:

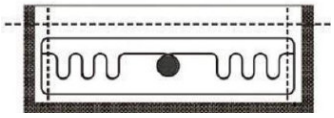
- Access-control management
- Carpets Anti-Counterfeiting
- Laundry Asset Management
- Industrial ID
- Management of uniforms.
- Medical apparel management
- Professional Laundry
- Rental Clothes
- Maintenance and Service of Textiles
- Your application

Affixing Methods:

Stiching



Pouching



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