LAUANDI-HEAT SEALING
TEXTILE LAUNDRY
UHF RFID TAG
ON ROLL
70 x 15 x 0,34 mm
Impinj M830
ISO18000-63
EPC Class 1 Gen 2v2

Product:	UHF RFID LAUNDRY TAG ON ROLL with more than 200 industrial washing cycle times, capable of up to 60 bar pressure stable and reliable RF performance for embedding by heat sealing (208°C 15 s) or edge sewing.	
RFID Chips Options:	UHF: ISO18000-63: Impinj (128 bits EPC, 0 bits User memory, 96 bits of Serialized TID with 48-bit serialization (other chip on request)	
Read Range (ON METAL):	Fixed Reader: up to 7m /Handheld: up to 3.5m	(Depends on reader power)
Frequencies:	UHF: 860 MHz … 960 MHz	(At room temperature 20°C)
Dimensions / Weight:	70 x 15 x 0,34 mm each single tag	~ 0.7g each single tag
Material / Colour / IP Rate:	Textile / White / IP68	**Pressure: up to** 60 bars
Minimum Order Quantity:	1000 pieces	
Operating-Storage-Temperatures:	-40°C ...+85°C	-25°C…+110°C
Short Term Temperatures:	Washing: 90°C 15 minutes, 200 cycles Pre-drying 180°C 30 minutes, 200 cycles	Ironing: 180°C 12 s, 200 cycles Sterilization: 135°C, 20 minutes 100 cycles
Installation:	Heat sealing 208°C, 15 s with 0,5 MPa (5kgf/cm²) ~ 0,8 MPa (8kgf/cm²)	Sewing or putting in pouch
Certification / Other:	CE OEKO-Tex Std.100 Class I, GB18401	**RoHS, SVHC** ✔
Part Description:	70x15x0,34mm-TEXTILE-LAUNDRY-TAG-UHF-ON-ROLL-M830	Part-No. 123457430

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Rev. 01

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Options:

- Different Frequency Versions country/region versions on request
- Customised logo printing
- Serial Number printing
- UID Number printing
- MRI (1.5T, 3T), Pre-encoding, Laser EPC, Anti-Gamma ray

These rugged RFID transponder are used by system integrators or endusers to identify all kind of equipment 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

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