beontag

Smart Wristband for Seamless Access

Available in customized formats, such as dry or wet PET inlays labels, this smart wristband combines performance with security in a sleek, wearable format. In its finished product version, TapLoop features a top-coated, synthetic direct thermal label facestok with exceptional smoothness, along with advanced compatibility with self-check in, kiosk and issuing systems.

ANTENNA DIMENSIONS

16 x 45 mm

WRISTBAND DIMENSIONS

25,4 x 279 mm

SMART CITIES

PAYMENTS



HF TAG

TapLoop

INLAY SPECIFICATION

FREQUENCY BAND	HF 13,56 MHz							
IC*	NXP Mifare UL EV1	NXP Mifare UL C	NXP Mifare 1K	Fudan FM11RF08S	Fudan FM11RF005UL	NXP SLX2	STM ST25TV512C	STM ST25TV02KC
INTERNATIONAL STANDARDS	ISO/IEC 14443 Type A	ISO/IEC 14443 Type A	ISO/IEC 14443 Type A	ISO/IEC 14443 Type A	ISO/IEC 14443 Type A	ISO/IEC 15693	ISO/IEC 15693	ISO/IEC 15693
EPC and USER MEMORY	384 bit	1152 bit	1 KB	8K bit	384 bit	2525 bit	512 bit	2k bit
OPERATING TEMPERATURE	-25°C to +70°C	-25°C to +70°C	-25°C to +70°C	-40°C to +85°C	-40°C to +85°C	-40°C to +85°C	-40°C to +85°C	-40°C to +85°C
INLAY SUBSTRATE	PET							
ANTENNA DIMENSION	16 x 45 mm	16 x 45 mm	16 x 45 mm	16 x 45 mm	16 x 45 mm	16 x 45 mm	16 x 45 mm	16 x 45 mm

PRODUCT SPECIFICATION

	DRY INLAY	WET INLAY	LABEL	WRISTBAND
PRODUCT CODE	available soon - contactus@beontag.com			
DELIVERY FORMAT	Reel 10K pcs	Reel 10K pcs	Reel 5K pcs	Reel ~350 pcs /- Fanfold ~2500 pcs/box
FACE MATERIAL	PET/ALU	Adhesive with high resistance to water and temperature *	Front white PET, adhesive with high resistance to water and temperature *	A topcoated, synthetic direct thermal label facestock with exceptional smoothness and resistance. Waterproof and tear-proof, available in 100- and 155- micron thickness.
DIE-CUT DIMENSION	Width 25.4, antennapitch 50.8 mm	20x48 mm	20x48 mm	25,4 x 279 mm
QUALITY CHECK	100% tested			
PERSONALIZATION OPTIONS	Possibility to encrypt the IC and variable data printing			

***other options available on demand**

****To verify its resistance to the environments in which it will be used, TapLoop was tested in a climatic chamber with 20-minute cycles at temperatures up to 100°C and cycles at 50°C and 95% humidity to simulate typical spa treatments. It then successfully passed real-world field tests in saunas, steam rooms, and swimming pools.**

DISCLAIMER

THE MATERIALS, PRODUCTS AND SERVICES ARE SOLD SUBJECT TO ITS STANDARD CONDITIONS OF SALE, WHICH ARE INCLUDED IN THE APPLICABLE DISTRIBUTOR OR OTHER SALES AGREEMENT. ALTHOUGH ANY INFORMATION, RECOMMENDATIONS, OR ADVICE CONTAINED HEREIN IS GIVEN IN GOOD FAITH, BEONTAG AND ITS AFFILIATES MAKES NO WARRANTY OR GUARANTEE, EXPRESS OR IMPLIED, (I) THAT THE RESULTS DESCRIBED HEREIN WILL BE OBTAINED UNDER END-USE CONDITIONS, OR (ii) AS TO THE EFFECTIVENESS OR SAFETY OF ANY DESIGN INCORPORATING ITS PRODUCTS, MATERIALS, SERVICES, RECOMMENDATIONS OR ADVICE. EXCEPT AS PROVIDED IN BEONTAG STANDARD CONDITIONS OF SALE, BEONTAG AND ITS REPRESENTATIVES SHALL IN NO EVENT BE RESPONSIBLE FOR ANY LOSS RESULTING FROM ANY USE OF ITS MATERIALS, PRODUCTS OR SERVICES DESCRIBED HEREIN.

Each user bears full responsibility for making its own determination as to the suitability of Beontag products, materials, services, recommendations, or advice for its own particular use. Each user must identify and perform all tests and analyses necessary to assure that its finished systems incorporating Beontag products, materials, or services will be safe and suitable for use under end-use conditions. Nothing in this or any other document, nor any oral recommendation or advice, shall be deemed to alter, vary, supersede, or waive any provision of this Disclaimer, unless any such modification is specifically agreed to in a writing signed by Beontag.

About Beontag

From the science of graphic and label materials, RFID and wireless IoT enablers, we create solutions across the value chain to deliver digital transformation for businesses around the world.

Sustainability is at the core of what we do and we strongly believe that by substituting non-renewable materials and innovating through more sustainable and renewable products, we act as an ESG enabler for our customers' value chain.

Beontag is one of the world's leading providers of RFID and wireless IoT solutions, being present in more than 40 countries with 7 R&D centers and 2,000 employees, in constant development of technological and sustainable solutions designed to connect items, and gain efficiency and end-to-end traceability

CONTACT US FOR
MORE INFORMATIONS:
beontag.com

The performance of the product should always be tested in the actual application conditions. Our recommendations are based on our most current knowledge and experience and the pictures and illustrations presented in this document are for illustration purposes only. As our products are used in conditions beyond our control, we cannot assume any liability for damage caused through their use. Beontag reserves the right to change its products and services at any time without notice.

V. 1.0 – UPDATED SEP. 25