beontag

High-performance HF Round Tag combining efficiency, quality and cost-effectiveness

Orbit 33 is our largest round tag, engineered for maximum performance with both ISO15693 and ISO14443 chip versions. This cost-effective, high-performing HF tag is designed to meet the unique challenges of your projects, ensuring efficiency without compromising quality.

ANTENNA DIMENSIONS

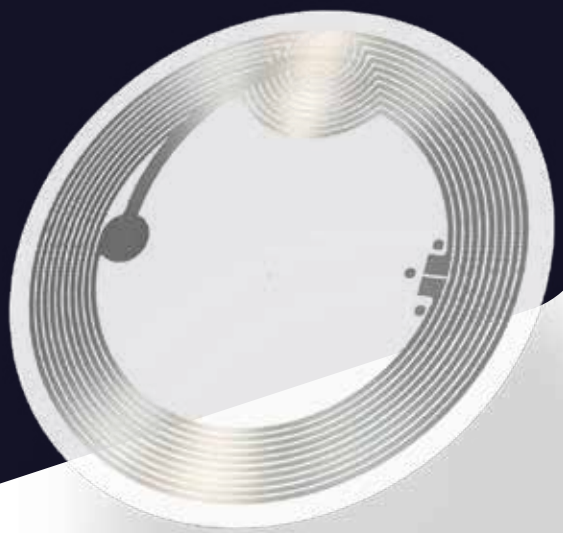
Ø 33 mm

MASS MARKET AND RETAIL

INDUSTRIAL MANUFACTURING

ASSET MANAGEMENT

BEAUTY AND PERSONAL CARE



NFC TAG

Orbit 33

PRODUCT SPECIFICATION				
FREQUENCY BAND	13.56MHz			
IC	NXP NTAG213	NXP Slix2	STM ST25TV512C	STM ST25TV02KC
INTERNATIONAL STANDARDS	ISO/IEC 14443 Type A	ISO/IEC 15693	ISO/IEC 15693	ISO/IEC 15693
MEMORY CONFIGURATION	144 byte	2525 bit	512 bit	2k bit
UID	7 byte	8 byte	8 byte	8 byte
OPERATING TEMPERATURE	-25˚C to +70˚C	-40˚C to +85˚C	-40˚C to +85˚C	-40˚C to +85˚C
INLAY SUBSTRATE	PET			
ANTENNA DIMENSION	Ø32 mm	Ø33 mm	Ø33 mm	Ø33 mm
PITCH	39.08mm / 1.5"			
CORE INNER DIAMETER	76mm / 3"			

	DRY INLAY	WET INLAY	LABEL
GLOBAL PRODUCT CODE	NTAG213: 3005827 SLIX2: 3005830 ST25TV512C: 3005833 ST25TV02KC: 3005836	NTAG213: 3005828 SLIX2: 3005831 ST25TV512C: 3005834 ST25TV02KC: 3005837	NTAG213: 3005829 SLIX2: 3005832 ST25TV512C: 3005835 ST25TV02KC: 3005838
WEB WIDTH	37,5 (ISO/IEC14443) 40 mm (ISO/IC15693)	40mm / 1.6"	40mm / 1.6"
FACE MATERIAL	-	PP	TT Paper
DIE-CUT DIMENSION	Ø36 mm	Ø36 mm	Ø36 mm
QUALITY CHECK	100% tested	100% tested	100% tested
REEL/PACKAGE QUANTITY	10,000 pcs/reel	10,000 pcs/reel	3,000pcs/reel

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.

©Beontag - www.beontag.com

V. 1.0 – UPDATED AUG 25