



Optimized UHF Tag for Retail and Apparel Applications

Beontag's Falcon tags are compact and especially designed to meet the needs of retailers. They are particularly suitable for item-level retail, logistics, and supply chain applications. These tags offer high read reliability, orientation sensitivity, and excellent performance even when stacked closely together.

Beontag's Falcon tags can be used worldwide, complying with both FCC and ETSI ranges. They are available in delivery formats such as dry or wet inlay and label sticker. The label format is compatible with thermal transfer printing.

ANTENNA DIMENSIONS

50X30 mm



FOOD
RETAIL



APPAREL



SUPPLY CHAIN
MANAGEMENT



RAIN RFID TAG

Falcon U9

ARC Categories

N, L, I, K, F, G, Q, W1, W2, W3, W4, W5, W6, Y, R, O, B1

PRODUCT SPECIFICATION

FREQUENCY BAND	860 MHz to 960 MHz
IC	Ucode 9 – NXP semiconductor
INTERNATIONAL STANDARDS	EPC global Gen2v2, ISO/IEC 18000-63
EPC and USER MEMORY	96 bits of EPC memory, 0 bits of User memory
TID MEMORY	96-bit / 48-bit unique serial number
OPERATING TEMPERATURE	-40 °C to 85 °C / -40 °F to 185 °F
INLAY SUBSTRATE	PET
ANTENNA DIMENSION	50 x 30mm / 1.97 x 1.18"
PITCH	39.08mm / 1.54"
CORE INNER DIAMETER	76mm / 3"

	DRY INLAY	WET INLAY	LABEL
PRODUCT CODE	3004626	3004665	3004664
WEB WIDTH	58mm / 2.28"	60mm / 2.36"	60mm / 2.36"
FACE MATERIAL	NA	Clear PET	TT Paper
DIE-CUT DIMENSION	NA	54 x 34mm / 2.13 x 1.34"	54 x 34mm / 2.13 x 1.34"
QUALITY CHECK	100% tested	100% tested	100% tested
REEL/PACKAGE QUANTITY	10000 pcs/reel 80000 pcs/box	2500 pcs /reel 12500 pcs/box	2500pcs/reel (< 203mm / 8") 12500pcs/box

