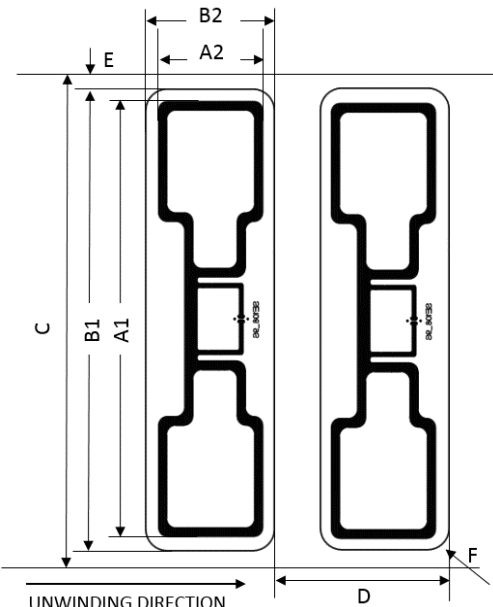


RFO RECY 9727

UHF RFID Paper Label

Product Description		RFO RECY 9727
<p>The RFO RECY Tag is a recyclable RFID Tag. Has no plastic substrate inside and it is 100% paper based. Clean & green manufacturing through recyclability of the material. Another highlight of this Tag is the low carbon footprint.</p> <p>Standard Features for all type of RFO RECY Tags:</p> <ul style="list-style-type: none"> - Standard delivery format self-adhesive die-cut tag (paper wet inlay) - 100% yield on standard reels (faulty tags have been replaced) - Mid gloss face paper (= RECY antenna substrate), suitable for thermal transfer printing with selected ribbons - FSC certification for the paper + process targeted Q4/2020 - Reliability proven (more details later in the presentation) to be on industry standards (TH, TC, Bending tests) - Paper substrate thickness 101 microns (current standard products -> thinner substrates version on the product development roadmap) - AGX RECY Tags can be recycled in paper and cardboard recycling process. - The Dry Inlay (without adhesive) product is biodegradable and compostable 		
Physical Specifications		
A1 x A2 Antenna size		94 x 24mm (+/-0,5mm)
B1 x B2 Die-cut size		97 x 27mm (+/-0,5mm)
C Web with		100mm (+/-1,0mm)
D Pitch lngth per pirce (MD)		30,48mm (+/-0,5mm)
E Die-cut to web edge		1,5mm (+/-1,0mm)
F Radius		2mm (+/-0,2mm)
		

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RF Specifications		
Protocol	EPC Class 2 Gen2 - ISO 18 000-63	
Frequency Range (MHz)	860-960 MHz	
Chip	NXP UCODE 9	
EPC Memory	96 bit	
Environmental Specification		
Operating Temperature	-40 °C...+85 °C / -40 °F...+185 °F	
ESD voltage immunity	± 2 kV peak HBM	
Shelf life: 1 year (from manufacturing date)	+20 °C / +68 °F, 50 % RH	
Bending diameter	>50 mm, tension less than 10 N	
Reliable	Tag passes all industry tests for reliability <ul style="list-style-type: none"> • Temperature & Humidity IEC 60068-2-67 • Temperature Cycling JESD22-A104-B • Tag Bending Test Voyantic Bendurance 	
Sustainable	Paper based, no plastic. No harmful substances in production or assembly <ul style="list-style-type: none"> • No chemicals required for etching • No carcinogenic substances • No polyurethanes, no nickel 	
Tag format	Die-cut paper label on reel	
Tag face material	White woodfree paper, 102 um	
Tag adhesive	Permanent PSA	
Standard delivery	>99%, Bad tags marked	
Appearance	Single row reel form	
Reel core	Card board core, inerdiameter 76mm	
Winding on the reel	Face out	
Reel size	4000 pcs/reel. Diameter: <205 mm	
Article no:		
RFO RECY 9727		
Typical Applications		
Suitable for metal environment	Automotive	Apparel
Maintenance & Service	Oil & Gas, Offshore	Retail
Industrie & Logistics	Chemical Industry	Pharma