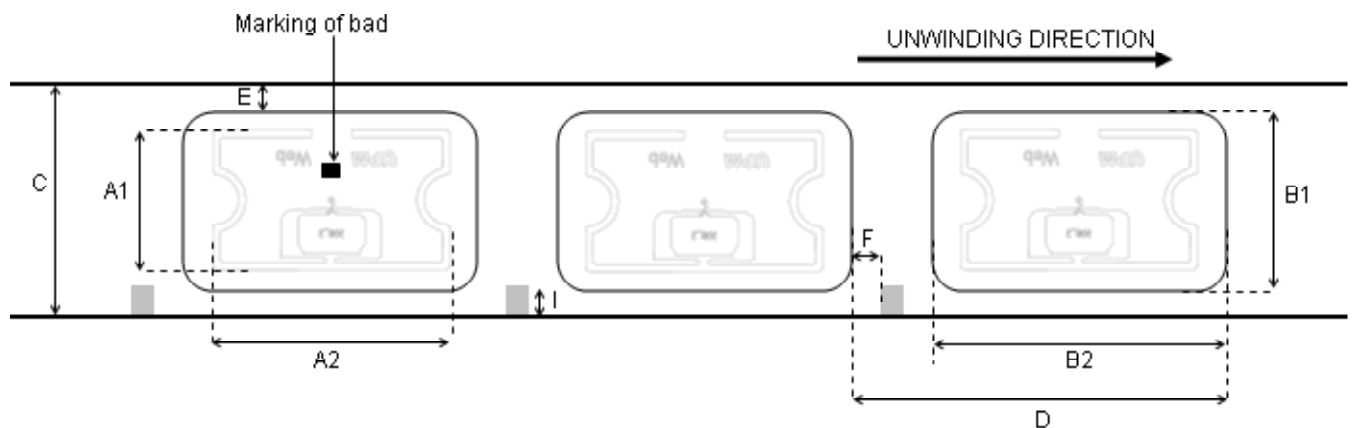




Web Wet Inlay
EPC Class 1 Gen 2
Sales code 3001273

Mechanical dimensions

A1 x A2	Antenna size	30 x 50 mm	± 0,5 mm	1,181 x 1,969 in
B1 x B2	Die-cut size	34 x 54 mm	± 0,2 mm	1,339 x 2,126 in
C	Web width	40 mm	± 0,5 mm	1,575 in
D	Pitch, length per piece MD	60 mm	± 1,5 mm	2,362 in
E	Die-cut to web edge	3 mm	± 1,5 mm	0,118 in
F	Die-cut to register mark	1,5 mm	± 1,0 mm	0,059 in
I	Minimum size of register mark (width x length)	5 x 3 mm		0,197 x 0,118 in



Electrical characteristics

IC's protocol	EPC Class 1 Gen 2
Operation frequency	860 - 960 MHz
Memory	96/240 bit

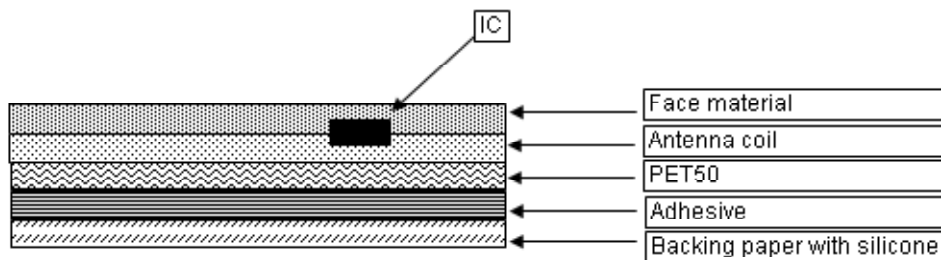
General characteristics of transponder

Operating temperature (electronics parts)	-40 °C / +85 °C	-40 °F / 185 °F
ESD voltage immunity	± 2 kV peak HBM	
Shelf life: From the date of manufacture 2 years in	+20 °C, 50 % RH	68 °F, 50 % RH
Bending diameter (D)	> 50 mm, tension less than 10 N	
Static pressure (P)	< 10 MPa (10 N/mm ²)	

Delivery form

Transponder format	Die-cut	
Transponder face material	Clear PET 12	
Transponder antenna material	Aluminum	
Transponder adhesive	RA-2	
- labelling temperature	min. +5 °C	min. 41 °F
- usage temperature	-10 °C - 120 °C	14 °F - 248 °F
- peel	min. 8 N / 25 mm (FTM 2)	
Final inspection	100 %, known faulty ones marked	
Minimum delivery yield	95 %	
Reel label	Reel number, product number, quantity of passed tags, prod. order number, yield and date	

Structure



Delivery details

Appearance	Single row reel form
Reel core	Card board core, inner diameter 76 mm (3 in)
Winding of the reel	Face out
Reel size	2000 pcs/reel

Disclaimer:

UPM Raflatac reserves the right to change its products and services at any time without notice. Our recommendations are based on our best knowledge and experience. As the products are used outside our control we cannot take responsibility for any damage that may be caused when using the product. Use extra care in handling the product.

This technical specification replaces all earlier ones.

Version	1
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