

## TAG SPECIFICATION

**Stripe Paper Tag**  
**Sales code 500010**  
**NXP UCODE 8**

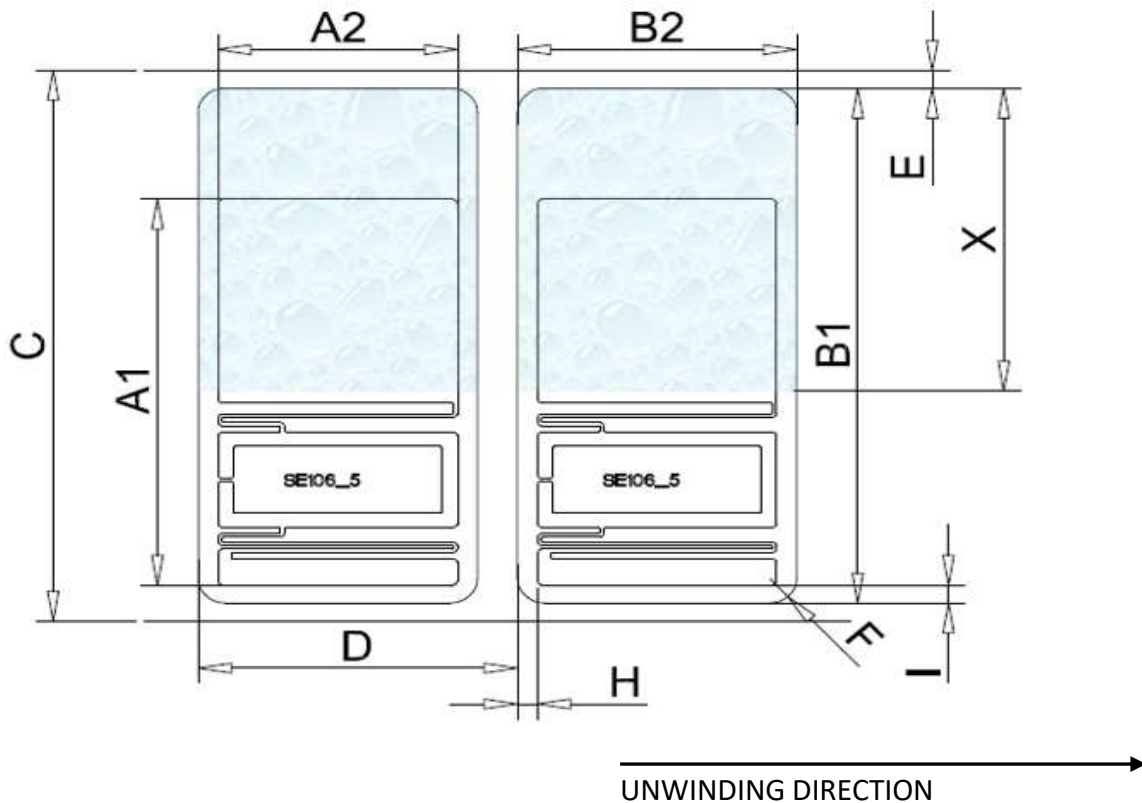


### General specification and characteristics

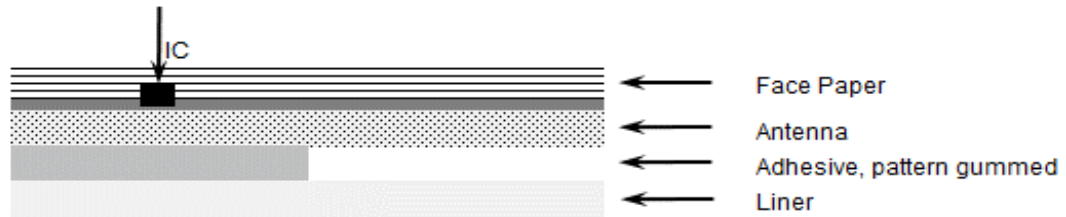
Operating frequency	860-960 MHz
Air interface protocol	EPC Gen2v2, ISO 18 000-63
EPC memory	128 bit
Operating temperature (electronics)	-40 °C...+85 °C / -40 °F...+185 °F
ESD voltage immunity	± 2 kV peak HBM
Shelf life: 1 year (from manufacturing date)	+20 °C / +68 °F, 50 % RH
Bending diameter	> 50 mm, tension less than 10 N

### Mechanical specification

Dimension	Item	Metric [mm]	Tolerance [mm]	US [in]
A1 x A2	Antenna size	32,2 x 18	± 0,5	1,268 X 0,709
B1 x B2	Die-cut size	43 x 21	± 0,5	1,693 x 0,827
C	Web width	46	± 1,0	1.811
D	Pitch length per piece (MD)	25.4	± 0,5	1.000
E	Die-cut to web edge	1.5	± 1,0	0.059
F	Radius	2		0.079
H	Antenna to die-cut (MD)	1.5	± 1,0	0.059
I	Antenna to die-cut (CD)	1.5	± 1,0	0.059
X	Adhesive width (GP)	25.3	± 1,0	0.996



## Cross section



## Tag characteristics

Tag format	Die-cut paper label on reel	
Tag face material	Art paper 80 g	
Tag antenna material	Aluminium	
Tag adhesive	Permanent PSA	
- Min. labelling temperature	+5 °C	+41 °F
- Service temperature	-5...+60 °C	+23...+140 °F
- Peel min.	3 N / 25 mm (FTM 2)	

## Delivery details

Standard delivery yield	> 99%
Minimum delivery yield	> 97%
Appearance	Single row reel form
Reel core	Card board core, inner diameter 76 mm (3 in)
Winding of the reel	Face out
Reel size	5 000 pcs/reel. Diameter: < 205 mm
Package size	40 000 pcs/box. Delivery only in full packages.

## Compliances



### Disclaimer:

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Version history	Document history	Date	Author
1.0	Created	1/30/2018	KV
	Approved	2/5/2018	LH
1.1	Box size updated	5/28/2018	KV
1.2	Box size updated	12/20/2018	KV
1.3	Logo, delivery yield and disclaimer updated	9/28/2021	MKT