

TAG SPECIFICATION

ECO Hook M M730 44x19mm Paper Tag
Sales code 3004407
 (old sales code 500235)

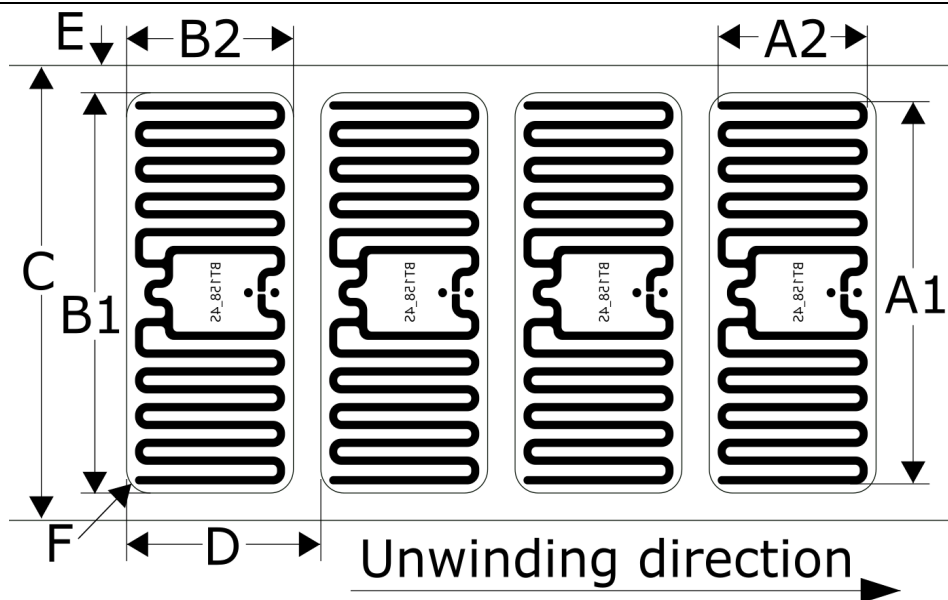


General specification and characteristics

Operating frequency	860-960 MHz
Air interface protocol	EPC Gen2v2, ISO 18 000-63
IC type	Impinj M730
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]
A1 x A2	Antenna size	42 x 17	± 0,5
B1 x B2	Die-cut size	44 x 19	± 0,5
C	Web width	50	± 1,0
D	Pitch length per piece (MD)	22,013	± 0,5
E	Die-cut to web edge	3	± 1,0
F	Radius	2	± 0,2



Cross section



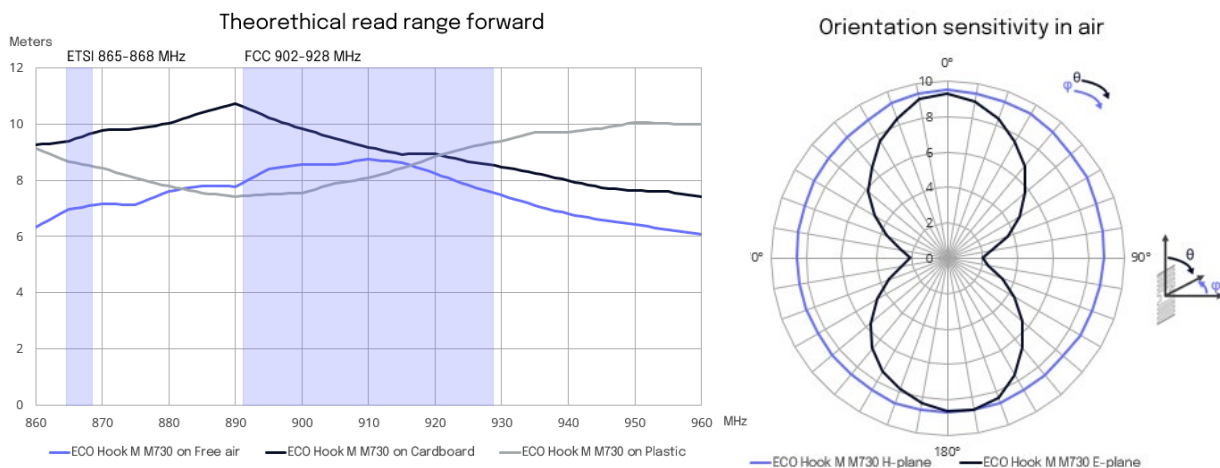
Tag characteristics

Tag format	Die-cut paper label on reel
Tag face material	White woodfree paper, 88-102 um
Tag antenna material	Conductive paste
Tag adhesive	Permanent PSA
- Min. labelling temperature	+5 °C
- Service temperature	-5...+60 °C
- Peel min.	3 N / 25 mm (FTM 2)

Delivery details

Standard delivery yield	> 98%, Bad tags marked
Minimum delivery yield	> 97%
Appearance	Single row reel form
Reel core	Cardboard core, inner diameter 76 mm (3 in)
Winding of the reel	Face out
Reel size	5 000 pcs/reel. Diameter: < 204 mm
Package size	35 000 pcs/box. Delivery only in full packages.

Performance



All graphs are indicative: performance in real life applications may vary.

Compliances



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