

TAG SPECIFICATION

ECO Hanger X M730 52x32mm Paper Tag

Sales code 3004393

(Old sales code 500247)

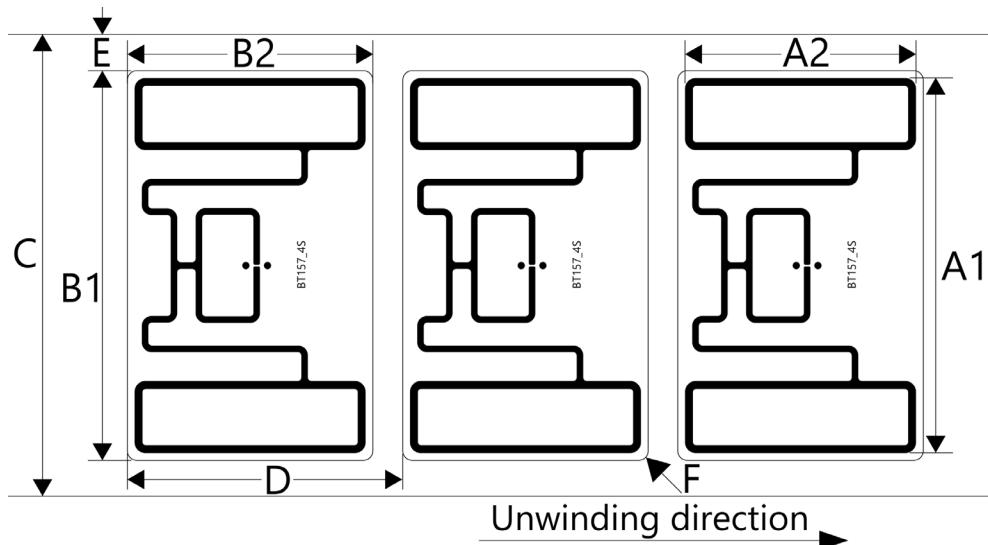


General specification and characteristics

| | |
|--|------------------------------------|
| Operating frequency | 860-960 MHz |
| Air interface protocol | EPC Gen2v2, ISO 18 000-63 |
| IC Type | Impijn 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] | US [in] |
|-----------|-----------------------------|----------------|-------------------|---------------|
| A1 x A2 | Antenna size | 52 x 32 | ± 0,5 | 2,047 x 1,260 |
| B1 x B2 | Die-cut size | 54 x 34 | ± 0,2 | 2,126 x 1,339 |
| C | Web width | 64 | ± 1,0 | 2,520 |
| D | Pitch length per piece (MD) | 38,1 | ± 1,0 | 1,500 |
| E | Die-cut to web edge | 5 | ± 1,5 | 0,197 |
| F | Radius | 2 | ± 0,2 | 0,079 |



Cross section



Tag characteristics

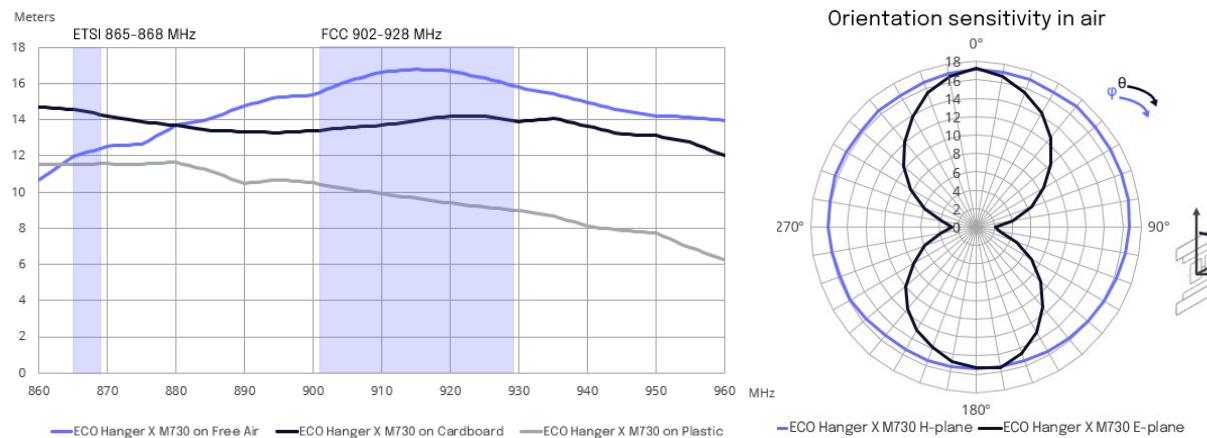
| | | |
|------------------------------|---------------------------------|---------------|
| Tag format | Die-cut paper label on reel | |
| Tag face material | White woodfree paper, 88-102 um | |
| Tag antenna material | Conductive paste | |
| Tag adhesive | Permanent PSA | |
| - Min. labelling temperature | +5 °C | +41 °F |
| - Service temperature | -5...+60 °C | +23...+140 °F |
| - 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 |
| Winding of the reel | Face out |
| Reel size | 3 500 pcs/reel. Diameter: < 204 mm |
| Package size | 21 000 pcs/box. Delivery only in full packages. |

Performance

Theoretical read range forward



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

Compliances



Disclaimer:

Beontag 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 beyond our control we cannot be held liable for any damages caused when using the product. Use extra care in handling the product and observe standard storage and handling practices to minimize ESD (electro static discharge). This technical specification replaces all earlier ones.