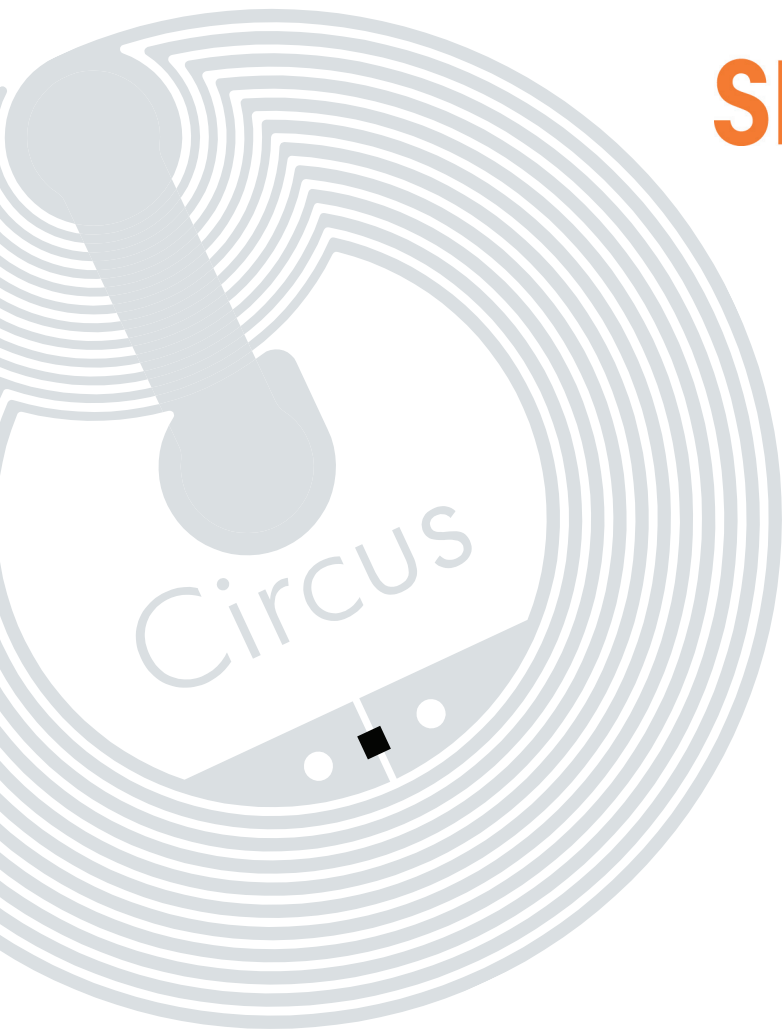
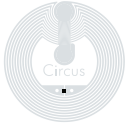


SMARTRAC



Circus™ NFC

Protocol	ISO 14443 A
Operating frequency	13.56 MHz
Antenna size	23 mm / 0.9 inch
Circus™ NFC key features	<ul style="list-style-type: none">• Small round NFC-inlay with best in class performance.• Suitable for small stickers, key fobs and item-level tagging.• Ideal for applications where small size and high performance are a must.



Circus™ NFC

Antenna dimensions

Antenna size	23 mm / 0.91"
Die-cut size	25 mm / 0.98"
Web width	30 mm / 1.81"

Electrical specifications

IC	NXP Mifare Ultralight
Memory	512 bit R/W EEPROM
Operating frequency	13.56 MHz

General characteristics of inlay

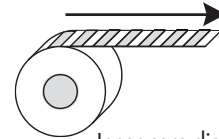
Operating temperature	-25 °C to 70 °C -13 °F to 158 °F
Bending diameter (D)	> 50 mm tension max. 10 N
Static pressure (P)	<10 MPa

Delivery formats

Available formats	Wet
Adhesive - temperature	Solvent-free permanent adhesive min. -10 °C to 120 °C min. 14 °F to 248 °F
Quality	100% performance tested

Reel details

Standard reel size	2,000
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Inner core diameter 76 mm / 3 inch

SMARTRAC TECHNOLOGY GROUP uses three different test methods to evaluate the reliability of the RFID inlay and tag products it produces. Products are tested according to IEC 60068-2-67 (temperature and humidity), JESD22-A104-B (temperature cycling) and an in-house developed bending test.

Disclaimer

SMARTRAC TECHNOLOGY GROUP reserves the right to change its products and services at any time without notice. Our recommendations are based on our latest knowledge and experience. As our products are used in circumstances beyond our control, we cannot be held liable for any damage caused through their use.