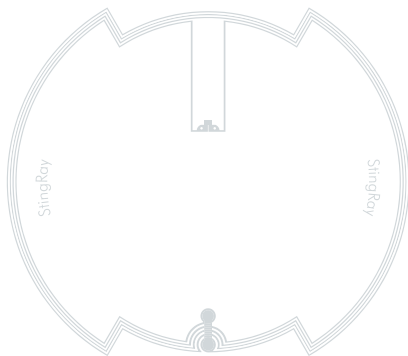


STINGRAY

The best performance product for library and rental applications.



StingRay wet inlays are best performing for all disc types: CD, DVD and Blu-ray. They provide maximal performance and robust readability for library and rental applications.

StingRay products have strong adhesive properties, are reliable and have a long lifetime in library and rental applications. StingRay wet inlays are excellent and cost effective security performance products for disc media.

Benefits:

- ▶ Top performance in library, media management and rental applications.
- ▶ Best performing inlay for all disc types: CD, DVD and Blu-ray.
- ▶ Excellent readability.
- ▶ Easy application with strong adhesive properties.
- ▶ Self check multiread and improved gate EAS.
- ▶ ISO 9001:2008 Quality Management System and ISO 14001:2004 Environment Management System support.

Overview

Operating Frequency
13.56 MHz

Integrated Circuit (IC)
NXP ICode SLIX

Antenna Size
Ø 105 mm (4.13 in)

Die-cut Size
Ø 108 mm (4.25 in)

International Standards
ISO 15693
ISO 18000-3 Mode 1

Quality Assurance
100% performance tested

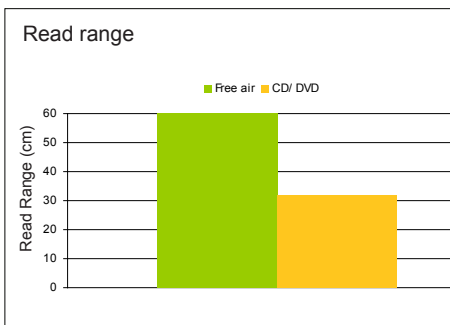
Application Areas

- ▶ Library and Media Management

STINGRAY

Technical Features	
IC	NXP ICode SLIX
Memory	1k bit / 2k bit
Frequency	13.56 MHz
Antenna Size	Ø 105 mm / 4.13"
Die-cut Size	Ø 108 mm / 4.25"
Web Width	110 mm / 4.33"
Operating Temperature	-40°C to 85°C / -40°F to 185°F
Bending Diameter (D)	> 50 mm, tension max. 10 N
Delivery Formats	Wet inlay
Adhesive	Permanent pressure sensitive adhesive
Adhesive Usage Temperature	min. -10°C to 90°C / min. 14°F to 194°F
Qty/Reel	1,000 per reel
Core Size	76 mm / 3"
Shelf Life: minimum of 2 years from the date of manufacture in	20°C / 68°F, 50% RH

SMARTRAC TECHNOLOGY GROUP uses three different qualification methods to evaluate the quality and reliability of RFID inlay and tag products. Products are tested according to IEC 60068-2-67 (temperature and humidity), JEESD22-A104-B (temperature cycling) and an in-house developed bending test.



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



RoHS CE

For further information, please contact our sales representatives:

Sales Europe
 SMARTRAC TECHNOLOGY GROUP
 Hanauer Landstrasse 291a
 60314 Frankfurt am Main
 Germany
 Tel. +49 69 904 3579 1011
 Fax +49 69 904 3579 1015
 sales.emea@smartrac-group.com

Sales Americas
 SMARTRAC TECHNOLOGY Fletcher Inc.
 267 Cane Creek Road
 Fletcher, NC 28732
 United States of America
 Tel. +1 866 901 7343
 Fax +1 828 651 6063
 sales.americas@smartrac-group.com

Sales APAC
 SMARTRAC TECHNOLOGY PTE. Ltd.
 SINGAPORE
 6 Greenleaf Walk
 Amsterdam Building 2-8
 Singapore 279226
 Tel. +60 4 489 36-0
 Fax +60 4 489 36-50
 sales.apac@smartrac-group.com