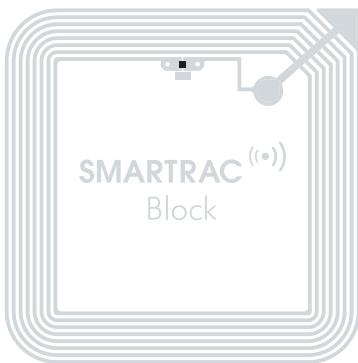


BLOCK LITE

Top performance tag for library and media management applications.



Block tags and inlays are cost-efficient and high performance products designed for library and other media management applications. Block products provide best-in-class read range, optimal size and performance in a compact package.

Benefits:

- ▶ Top performance in library and media management applications.
- ▶ Optimal size and performance in compact square package.
- ▶ Excellent performance in all printed media products and applications including self check with stack reading capability and EAS.
- ▶ SMARTRAC book lifetime library warranty.
- ▶ 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

47 x 47 mm (1.85 x 1.85 in)

Die-cut Size

50 x 50 mm (1.97 x 1.97 in)

International Standards

ISO 15693

ISO 18000-3 Mode 1

Quality Assurance

100% performance tested

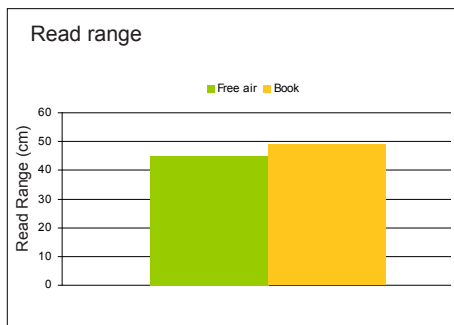
Application Areas

- ▶ Library and Media Management

BLOCK LITE

Technical Features	
IC	NXP ICode SLIX
Memory	1k bit
Frequency	13.56 MHz
Antenna Size	47 x 47 mm / 1.85 x 1.85"
Die-cut Size	50 x 50 mm / 1.97 x 1.97"
Web Width	54 mm / 2.13"
Operating Temperature	-40°C to 85°C / -40°F to 185°F
Bending Diameter (D)	> 50 mm, tension max. 10 N
Delivery Formats	Tag
Adhesive	Acrylic, water borne adhesive
Adhesive Usage Temperature	min. -40°C to 150°C / min. -40°F to 302°F
Qty/Reel	2,000 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

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