



NXP® NTAG® 213 Silicon Heat Press Interactive NFC Garment Badge

SKU:	RS-213-SI-D25
Chip Type:	NXP® NTAG® 213
Frequency:	HF 13.56 MHz
User Memory:	144 bytes
Read Range:	Up to 10 cm
Protocol:	ISO/IEC 14443-A, NFC Forum Type 2
Industry:	Retail, Events, Apparel and Fashion
Applications:	Inventory, Warehouse, Liquids, NFC, Laundry, Social Engagement, Brand Protection, Product Authentication

The NXP® NTAG® 213 Heat Press Interactive NFC Garment Badge features a compact 25 mm diameter and is crafted from lightweight, durable silicone, making it comfortable for everyday wear without adding bulk to garments. Designed for heat press application, it seamlessly integrates with apparel for a clean and secure finish.

This NFC badge enables an instant digital bridge between fashion brands and consumers. With a simple tap of an NFC-enabled device, users can access product information, brand news, or social media links. It's a cost-effective, interactive solution for enhancing brand engagement and fostering stronger, more dynamic connections with customers.

Physical Information	Material	Silicon
	Label Size	Ø25 mm, thickness 1 mm
	Weight	0.35 g
	Printing	Custom logo printing
	Operating Environment	-40°C~+100°C, 20%~90% RH
	Storage Environment	+18°C~+28°C, 40%~60% RH
	Mounting Method	Heat-Press
	Surface	Fabrics
	Washes Limits	50+ Washes or Dries
	Instructions for Heat Pressing	Secure the badge onto the garment and apply heat for a duration of 8 to 12 seconds at a temperature range of 155 to 170°C. Subsequently, press heat onto the reverse side of the garment for an additional 10 to 15 seconds under the same temperature conditions.

Technical Information	Operating Frequency	13.56 MHz
	Communication Protocol	ISO/IEC 14443-A, NFC Forum Type 2
	Read Range	Up to 10 cm
	Chip Type	NXP® NTAG® 213
	User Memory	144 bytes
	UID Memory	7 bytes
	Authentication	Password protection with limited number of unsuccessful attempts
	Generic Logo	Yes

Packing Information	Packing Format	70 pcs/sheet
	Pcking Weight	52.5 g/sheet

● **Performance and Illustrations:** Graphs and visuals are for reference only; actual product performance may vary depending on usage and environment.
 ● **Storage and Handling Guidelines:** Follow standard ESD-safe storage and handling procedures to maintain product integrity and avoid damage.
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