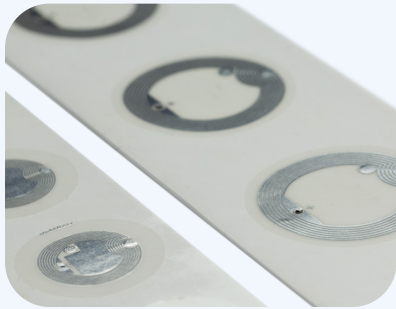


Inlays & Labels - Non Metal

Efficiently tag large quantities of non-metallic assets to enable powerful RFID applications

HID Global Inlays & Labels are small, thin self-adhesive tags that allow discreet or overt placement. They are easily hidden behind a poster or display, or inside a product housing or package; or they may be imprinted with high-visibility graphics, attracting the attention of people with smartphones or other standard RFID readers.



Promotional marketers use Inlays & Labels to quickly and cost-effectively integrate digital touch points into physical media, such as posters, packaging, point-of-purchase displays, and magazines. With Inlays & Labels in place, smartphone-wielding customers can interact in real time with your brand. Wireless technology enables effortless transactions, engaging improved customer participation and satisfaction.

NFC technology has enabled the convergence of social media, localized promotional efforts and mobile technology, empowering marketers with unprecedented tools to promote products and services while rewarding customer loyalty. Integrate the benefits of social-local-mobile (SoLoMo) technology to empower your customer conversations.

For industrial applications, HF and UHF Inlays & Labels enhance the speed and accuracy of inventory and process management systems. Using RAIN® RFID technology, each labeled asset can be identified in the supply chain or connected via Internet of Things (IoT), enabling businesses and consumers to identify, locate, authenticate and engage each item. Printable labels for on-metal use are described in a separate datasheet.

HID Global guarantees each individual RFID Inlay & Label tag will perform to specifications. Our quality assurance streamlines processing and encoding to keep your projects on time and on budget.

For high-security applications, innovative HID Trusted Tag® Services combines cryptographically secure NFC Inlays & Labels with a cloud-based authentication platform, powering frictionless, secure transactions.

For specific needs, LUX-IDent, part of HID Global, designs and manufactures custom labels in HF and UHF.



KEY BENEFITS

- Effortless integration – Simply apply tags to any print media, packaging or non-metal assets.
- Ready adoption – Interoperable with NFC Forum and RAIN UHF RFID compliant devices.
- Enhanced effectiveness – Faster, more accurate than QR-codes or text transactions.








TECHNOLOGY HIGHLIGHTS:












- Standards compliant options
 - NFC Forum Tag Type 2, 4 or 5
 - RAIN UHF RFID
- Label reels may be programmed and printed using standard equipment
- Each tag guaranteed to work

OTHER OPTIONS:

- Customized labels from [LUX-IDent](#)
- [HID Trusted Tag versions](#)
- [On-metal Labels](#)

For more information, contact
tagsales@hidglobal.com

INLAYS & LABELS							
HF							
	18 x 57	23		28 x 44	29	40	48 x 48
							
Base Model Number	629C57	6E3E23	6E3C23	629C35	6E3E29	6E3E40	629F48
Material	PET Clear	Paper Label	PET Clear		Paper Label		PET White
ELECTRONIC							
Operating Frequency	13.56 MHz						
Chip Type	ICODE SLIX	NTAG213 (alternative option: Trusted Tag)		ICODE SLIX2	NTAG213		ICODE SLIX
Memory	896 bit EEPROM	144 byte EEPROM		2560 bit UM	144 byte EEPROM		896 bit EEPROM
UHF Reading Distance 2 W reader ERP, free space	Proximity (NFC Tap)						
PHYSICAL							
Dimensions	0.7 x 2.2 in (18 x 57 mm)	ø 0.9 in (23 mm)		1.1 x 1.7 in (28.6 x 44.5 mm)	ø 1.1 in (29 mm)	ø 1.6 in (40 mm)	1.9 x 1.9 in (48 x 48 mm)
Antenna	0.6 x 2.1 in (14 x 54 mm)	ø 0.8 in (20 mm)		0.9 x 1.4 in (22.5 x 35.5 mm)	ø 0.8 in (20 mm)	ø 1.4 in (35 mm)	ø 1.8 in (45 mm)
Mounting Method	Self-adhesive						
Affixes To	Flat, dry and non-metallic surfaces						
Housing Material	PET	Paper	PET		Paper	PET	
Color	Transparent	White	Transparent		White	Transparent	
CHEMICAL AND MECHANICAL RESISTANCE							
Water	IP67, 68° F (20° C), 3.3 ft (1 m) x 35 min						
Environmental Test Conditions	68° F (20° C), 100 h						
Vibration	IEC 68.2.6 [10 g, 10 to 2000 Hz, 3 axis, 2.5 h]						
Shock	IEC 68.2.29 [40 g, 18 ms, 6 axis, 2000 times]						
THERMAL							
Storage	On reel, Shelf life max. 1 year at 14° to 104°F (-10° to +40°C), 30-70% relative humidity						
Operating	-4° to +158° F (- 20 °C to +70 °C)						
OTHER							
Standards	ISO/IEC 15963, 18000-3, NFC Tag Type 5	ISO 14443A - NFC Tag Type 2		ISO/IEC 15963, 18000-3, NFC Tag Type 5	ISO/IEC 14443A, NFC Forum Tag Type 2		ISO/IEC 15963, 18000-3, NFC Tag Type 5
Options	HID Trusted Tag® (NFC Type 4) or alternative NTAG chips; Dry inlays; custom printing. Imprint of black register bar between labels when precise positioning is required (add "R" to end of part number).						
Box Size	1,800 pcs.	2,000 pcs.		5,000 pcs.	2,000 pcs.	1,000 pcs.	
Warranty	1 Year						

INLAYS & LABELS												
UHF												
19 x 13	48 x 13			50 x 50	54 x 34	70 x 14	70 x 40	92 x 28	97 x 12			
												
Base Model Number	6H2E19	6H2F47	6H2F43	6H2E43	6H2E50	6H2E54	6H2F73	6H2N74	6H2E92	6H2F98	6M2F98	
Material	Paper Label	PET White		Paper Label		PET White	Nylon Label	Paper Label	PET White			
ELECTRONIC												
Operating Frequency	860 to 960 MHz											
Chip Type	Monza R6-P										UCODE 9	
Memory	128/96 bit EPC, 32/64 bit UM										96 bit EPC	
UHF Reading Distance 2 W reader ERP, free space	Up to 0.6 ft (20 cm)	Up to 32.8 ft (10 m)					Up to 46 ft (14 m)	Up to 19.6 ft (6 m)	Up to 46 ft (14 m)	Up to 39 ft (12 m)		
PHYSICAL												
Dimensions	0.7 x 0.5 in (19.05 x 12.7 mm)	1.8 x 0.5 in (47.5 x 13.38 mm)	1.7 x 0.7 in (43 x 18 mm)	1.8 x 0.5 in (47.5 x 13.38 mm)	1.97 x 1.97 in (50.8 x 50.8 mm)	2.1 x 1.3 in (54 x 34 mm)	2.8 x 0.8 in (73.5 x 21.2 mm)	2.7 x 1.6 in (69.8 x 40 mm)	3.6 x 1.1 in (92 x 28 mm)	3.8 x 0.5 in (98 x 12.31 mm)	3.8 x 0.5 in (97 x 12.31 mm)	
Antenna	0.7 x 0.3 in (12 x 9 mm)	1.7 x 0.4 in (44.4 x 10.3 mm)	1.6 x 0.6 in (40 x 15 mm)		1.6 x 0.7 in (42 x 18 mm)	1.2 x 1.9 in (30 x 50 mm)	2.7 x 0.5 in (70 x 14 mm)	1.9 x 1.2 in (50 x 30 mm)	0.9 x 3.4 in (24 x 88 mm)	3.5 x 0.4 in (90 x 10 mm)		
Mounting Method	Self-adhesive											
Affixes To	Flat, dry and non-metallic surfaces											
Housing Material	Paper	PET		Paper			PET	Nylon	Paper	PET		
Color	White											
CHEMICAL AND MECHANICAL RESISTANCE												
Water	IP67, 68° F (20° C), 3.3 ft (1 m) x 35 min											
Environmental Test Conditions	68° F (20° C), 100 h											
Vibration	IEC 68.2.6 [10 g, 10 to 2000 Hz, 3 axis, 2.5 h]											
Shock	IEC 68.2.29 [40 g, 18 ms, 6 axis, 2000 times]											
THERMAL												
Storage	-4° to +158° F (-20 °C to +70 °C)	-40° to +185° F (-40° to +85° C)		On reel, Shelf life max. 1 year at 14° to 104°F (-10° to +40°C), 30-70% relative humidity			-40° to +185° F (-40° to +85° C)		On reel, Shelf life max. 1 year at 14° to 104°F (-10° to +40°C), 30-70% relative humidity	-4° to 158°F (-20° to +70°C) (1 x 1000 h)		
Operating	-4° to +158° F (-20 °C to +70 °C)	-40° to +185° F (-40° to +85° C)		-4° to +158° F (-20 °C to +70 °C)			-40° to +185° F (-40° to +85° C)		-4° to +158° F (-20 °C to +70 °C)			
OTHER												
Standards	UHF EPC Class 1 Gen 2, ISO 18000-63											
Options	Personalization on demand											
Box Size	5,000 pcs	2000 pcs.				5,000 pcs			2,000 pcs.	5,000 pcs		
Warranty	1 Year											



hidglobal.com

North America: +1 512 776 9000 | Toll Free: 1 800 237 7769
 Europe, Middle East, Africa: +44 1440 714 850
 Asia Pacific: +852 3160 9800 | Latin America: +52 (55) 9171-1108
For more global phone numbers click here

© 2022 HID Global Corporation/ASSA ABLOY AB. All rights reserved.
 2022-02-15-ldt-rfid-il-inlays-labels-ds-en PLT-02351
 Part of ASSA ABLOY