

PRODUCT COMPARISON CHART

HF: 13.56 MHz / ISO 15693 / NFC\*

Compliant with ISO/IEC 18000-3 and other standards.



	DISCS					EMBEDDABLE					SPECIALTY			
Product Family	Bin Tag	IN Tag™		LogiTag®		Poly Tag™	Brick Tag	Embeddable RFID	Glass Tag		Inlays & Labels	Seal Tag	SlimFlex™ Tag	
Sub-family	HF	HF		081/121	161/162	HF	Vigo	Piccolino	Vigo	ICODE SLIX	Wet Inlay	HF	HF 200	
Description	Screw or embed into standard waste collection bins	Ruggedized discs for severe industrial environments		Small, thin discs with high chemical and pressure resistance. Optional button format		Extreme-impact resistant discs	Micro-sized transponders for embedding into assets	Tiny, water resistant embeddable RFID disc	Compact embeddable capsules, resistant to long term immersion into water or chemicals		Small, thin, translucent self-adhesive; hide discretely behind print media or inside product packaging.	Visually or electrically tamper evident RFID seals	Flexible, rugged transponders deliver versatile mounting options	
Chip type	ICODE SLIX	ICODE SLIX, SLIX2	F-Mem	Vigo, ICODE SLIX	ICODE SLIX, SLIX2, F-Mem	ICODE SLIX, TTS, NTAG 216	Vigo	ICODE SLIX (2), Vigo, F-Mem	Vigo	ICODE SLIX	ICODE SLIX, SLIX-S	ICODE SLIX		
User memory up to	896 bit	896 bit, 2560 bit	8 Kbyte	1024 or 2048 bit, 896 bit	896 bit, 2560 bit, 2 or 8 Kbyte	896 bit	1024 bit	16 Kbit	1664 bit	896 bit	896 bit, 2048 bit	896 bit		
Reading distance up to	Dependent upon reader, environment and application						Dependent upon reader, environment and application						Dependent upon reader, environment and application	
Other frequencies	LF, UHF	LF, UHF		LF		LF	LF, UHF		LF			UHF		
Dimensions <i>Refer to datasheets for other available sizes</i>	Ø 1.2 x 0.6 in (30 x 15 mm)	Ø 0.8 to 2.2 in (20 to 55 mm) Thickness 0.1 to 0.5 in (3 to 13 mm)		Ø 0.5 x 0.1 in (8/12 x 2 mm)	Ø 0.6 x 0.1 in (16 x 3 mm)	Ø 1.34 x 0.31 in (Ø 34 x 8 mm)	0.4 x 0.1 x 0.1 in (10 x 3.0 x 2.6 mm)	Ø 0.23 - 0.37 in (6 - 9.5 mm)	Ø 0.1 x 0.5 in (Ø 2 x 12 mm)	Ø 0.2 x 0.9 in (Ø 4 x 22 mm)	18x57 mm (ICODE SLIX)	3.3 x 1.0 x 0.1 in (85 x 25 x 3 mm); cable tie 15.0 x 0.2 x 0.1 in (380 x 6 x 2 mm)	max. 3.4 x 1.0 x 0.1 in (87 x 25 x 3 mm) (6 mm on metal)	
Mount on metal		Yes		Yes								Some models		
Moisture resistance	IP67	IP68, IP69K		IP68		IP67		IP67	IP68		IP67	IP68		
Food compatible		Yes							Yes					
Operating temperature	-40° to +158° F (-40 to +70° C)	-4° to +185° F (-20 to +85° C)		-40° to +194° F (-40 to +90° C)	-13° to 185° F (-25° to +85° C)	-13° to +185° F (-25° to +85° C)	-13° to +158° F (-25° to +70° C)	-40° to +185° F (-40° to 85° C)	-13 °to +185° F (-25° to +85° C)		-4° to +158° F (-20° to +70° C)	-40° to +158° F (-40 to +70° C)		
Peak temperature	194° F (90° C)	284° F (140° C)		194° F (90° C)	248° F (120° C)	266° F (130° C)			284° F (140° C)		257° F (125° C)	212° F (100° C)		
Flame resistant		Yes							Yes					
Standards <i>Compliant with ISO 18000-3 and others listed</i>	DIN 30745 ISO 15693 NFC Tag Type 5	ATEX EN 60079-0:2009 EN 60079-11:2007 EN 60079-26:2007 ISO 15693 NFC Tag Type 5		ATEX EN 60079-0:2009 EN 60079-11:2007 EN 60079-26:2007 ISO 15693 NFC Tag Type 5		ISO 15693 NFC Tag Type 5, 4, 2 (depending on chip)	ISO 15693 NFC Tag Type 5	ISO 15693 NFC Tag Type 5	ATEX EN 60079-0:2009 EN 60079-11:2007 EN 60079- 26:2007 ISO 15693 NFC Tag Type 5		ISO/IEC 15693 NFC Tag Type 5	ISO 15693 NFC Tag Type 5		

\* To be NFC Forum Tag Type compliant, tags need to be formatted with an NDEF data structure. Tag Type 2 and 4 are supported by all known NFC devices. NFC-V Tag Type 5 (Vicinity - ISO 15693) has been officially standardized by NFC Forum in June 2015 and may not be supported by some older NFC devices. Android and Windows 10 Phone typically support tag type 5.



A tag for every application

HID can create a custom tag solution to fit your application requirements for chip type, dimensions, programming and materials. You can even embed multiple technologies in a single RFID tag, providing transition paths that connect legacy systems with new roll-outs.

A comprehensive reference of RFID tag variations can be found at [www.rfid.com](http://www.rfid.com)

© 2019 HID Global Corporation/ASSA ABLOY AB. All rights reserved. HID, HID Global, the HID Blue Brick logo, and the Chain Design, are trademarks or registered trademarks of HID Global or its licensor(s)/supplier(s) in the US and other countries and may not be used without permission. All other trademarks, service marks, and product or service names are trademarks or registered trademarks of their respective owners.