



HF & NFC Inlays

Product range

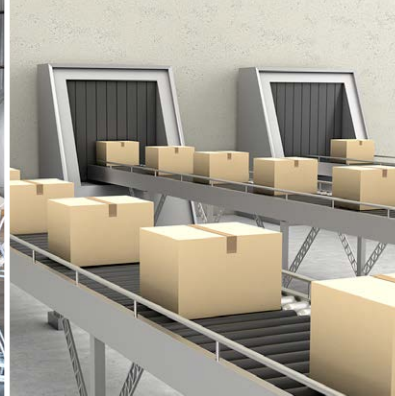


LUX-IDent smart inlays are ultra-thin, flexible and designed to be combined with the ideal RFID chip type to attain the highest possible performance level at the minimum cost.

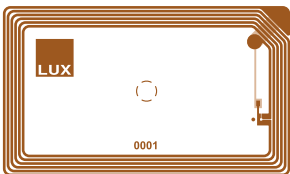
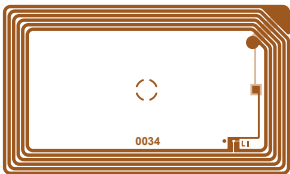
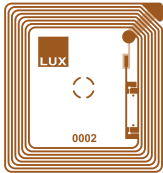
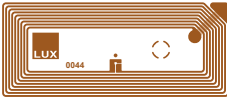






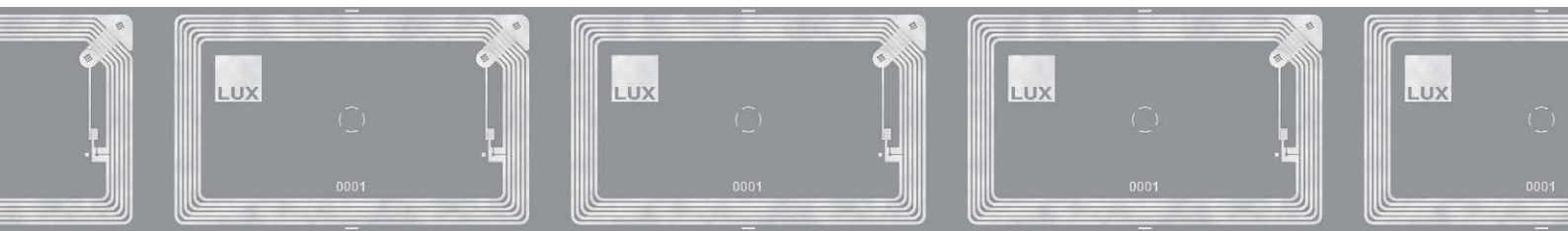
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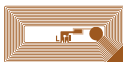




HF INLAY

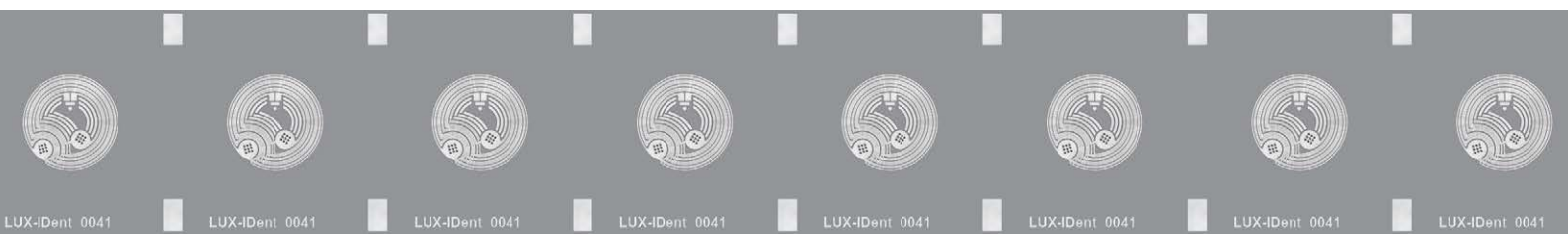
Product		Inlay dimension			Antenna material
Antenna layout	Product code	Size [mm]	Width [mm]	Pitch [mm]	
	L15-045076x11-xxx	45 × 76	48	85	Al
	L15-076045x11-xxx	76 × 45	84	54	Al
	L15-045042x11-xxx	45 × 42	48	48	Al
	L15-025060x11-xxx	25 × 60	35	66	Al
	L15-060025x11-xxx	60 × 25	66	32	Al
	L15-025025x11-xxx	25 × 25	35	35	Al
	L15-022038x11-xxx	22 × 38	35	48	Al
	L15-038022x11-xxx	38 × 22	48	22	Al





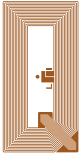
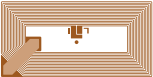




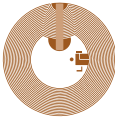


HF INLAY

Product		Inlay dimension			Antenna material
Antenna layout	Product code	Size [mm]	Width [mm]	Pitch [mm]	
	L15-015032x11-xxx	15 × 32	35	48	Al
	L15-032015x11-xxx	32 × 15	48	32	Al
	L15-D045x11-xxx	Ø45	48	48	Al
	L15-D025x11-xxx	Ø25	35	32	Al
	L15-D020x11-xxx	Ø20	35	32	Al
	L15-D015x12-xx	Ø15	35	32	Al



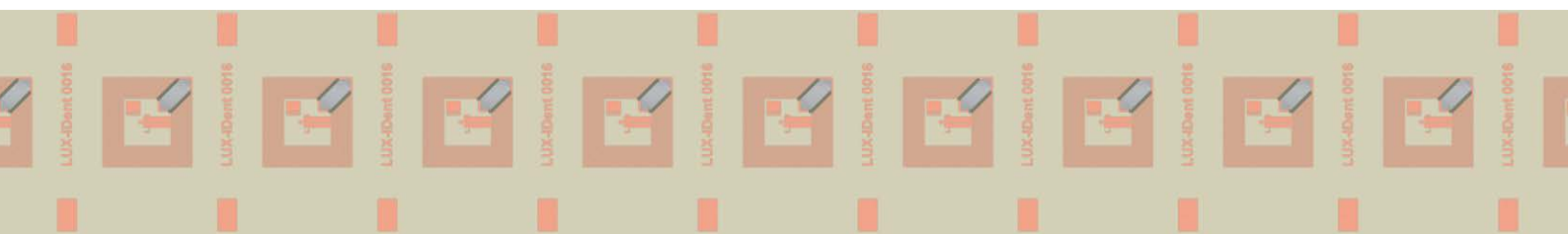


HF INLAY

Product		Inlay dimension			Antenna material
Antenna layout	Product code	Size [mm]	Width [mm]	Pitch [mm]	
	L15-020010A11-xxx L15-020010C11-xxx	20 × 10	35	25	Cu
	L15-020010B11-xxx			25.4	
	L15-010020x11-xxx	10 × 20	35	25	Cu
	L15-014014x11-xxx	14 × 14	35	25	Cu
	L15-010010x11-xxx	10 × 10	35	25	Cu
	L15-006030x11-xxx	6 × 30	35 two lane	50	Cu
	L15-005043x11-xxx	5 × 43	35 two lane	50	Cu
	L15-D015x11-xxx	Ø15	35	25	Cu
	L15-D012x11-xxx	Ø12	35	25	Cu
	L15-D009x11-xxx	Ø9	35	25	Cu

CUSTOMIZED SOLUTIONS

When standard off-the-shelf products are simply not good enough, LUX-IDent offers to develop customized and application-specific inlay solutions to meet specific requirements. To accommodate the demands of new applications, LUX-IDent is continuously developing innovative transponder products and processes. We are committed to providing solutions that combine the highest technical performance with economic feasibility.





A range of applications.

AVAILABLE CHIP TECHNOLOGIES

Chip manufacturer		ISO standard chip type		
NXP	ISO 15693 ISO 18000 3M3	ISO 14443A		NFC
	ICODE® family	MIFARE Classic®, MIFARE Ultralight®, MIFARE Plus®, MIFARE® DESFire®, NTAG™ family		MIFARE Ultralight®, MIFARE Plus®, MIFARE® DESFire®, NTAG™ family
Infineon	ISO 15693	ISO 14443A		NFC
	my-d™ vicinity	my-d™ proximity, my-d™ move, SLE77xxx (A/B), CIPURSE™ products		my-d™ NFC, my-d™ move NFC, CIPURSE™ products
STMicroelectronics	ISO 15693	ISO 14443A	ISO 14443B	NFC
	ST25TVxxx family	ST25TAxxx family	ST25TBxxx (on request)	ST25TAxxx family
EM Microelectronic	ISO 15693			NFC
	EM4237 SLIC/SLIX			EM4423, NF4
Fujitsu	ISO 1569			
	MB89R-family			

Other ICs are available upon request.

