

Company Name: Allsafe Technologies

Primary Activities Plastic Card Manufacturing including Magnetic

Stripe Tapelaying

Industry Experience: 42 years

Pre-Striped Overlay Offering

FORMAT	DIMENSIONS	UM	
Sheets	Minimum Length	210 mm	
	Maximum Length	750 mm	
	Minimum Width	300 mm	
	Maximum Width	685 mm	
Rolls	External Diameter	500 mm	
	Core Diameter	76 mm	

Tapelayer Configuration

STRIPE WIDTH	MAXIMUM STRIPES	MINIMUM STRIPES
8.4 mm	11	3
12.7mm	11	3
3.175mm (debit stripe)	11	3

Available Magnetic Stripes

WIDTH	3.175MM		8.4MM				12.7MM
Coercivity	4000oe	300oe	2750oe	300oe	650oe	2750oe	4000oe
Colors	Black	Brown	Black	Brown	Black	Black	Black
On Request			Silver			Silver	
			Gold			Gold	
						Blue	
						Red	

Available Overlay

PVC	50 MICRON	75 MICRON	100 MICRON
Uncoated	X	X	Χ
Coated (water based)	X	X	Χ
Coated (solvent based)	X	X	X

We are continually adding new capabilities. Please contact us for different thickness and/or different materials (Ex. Polycarbonate, polyester).

Key Definitions

Coercivity	Represents the ability of the magnetic stripe to resist accidental erasure of any encoded data. The higher the value of the coercivity the better the resistance.
Low Coercivity (LoCo)	Lowest resistance to accidental erasure. This is the lowest cost material and is commonly found in gift cards or other short term use cards.
Medium Coercivity (MedCo)	Intermediate resistance to accidental erasure. This stripe is closer in price to the high coercivity. Commonly found in hotel key cards.
High Coercivity (HiCo)	Highest resistance to accidental erasure. Made in both 27500e and 40000e versions this tape is commonly used for access control, banking, and loyalty.
Pitch	This is the distance between each of the magnetic stripes on the sheet. It can be the same distance across the sheet or vary depending on your finishing equipment.
Coated	PVC overlay can be coated with a water based or solvent based glue. These coatings ensure proper adhesion between the ink and overlay.
Debit Stripe	This is a special 4000oe stripe with a high readback voltage (greater than ISO readback) that is used for stored value transactions.



Overlay Specification Sheet

Customer Name:			_			
		1		Coating		
Overlay Type:		Coated			Water	
		_			Solvent	
		UNCoa	ited			
Overlay Thickness:	50 micron]	75 micron		100 micron	
	2 mil]	3 mil		4 mil	
Magnetic Stripe Width:		3- track	0.500"	12.7mm		
		2-track	0.330"	8.4mm		
		Debit	0.150"	3.81 mm		
Magnetic Stripe		4000 oe	ISO Read	lback		
Coercivity:	2750 oe ISO Readback					
	650 oe ISO Readback					
		300 oe IS	SO Readb	oack		
		4000 oe	High Out	put		
Sheet Dimensions: height, width B	n, distance t	o Ist strip	e, pitch			
		c	A=Widt	:h		
		1	B=Leng	th		
A		D	_	nce to firs	st stripe	
				(step dis	•	
		_				
# of Stripes:	Specia	l Color		7		