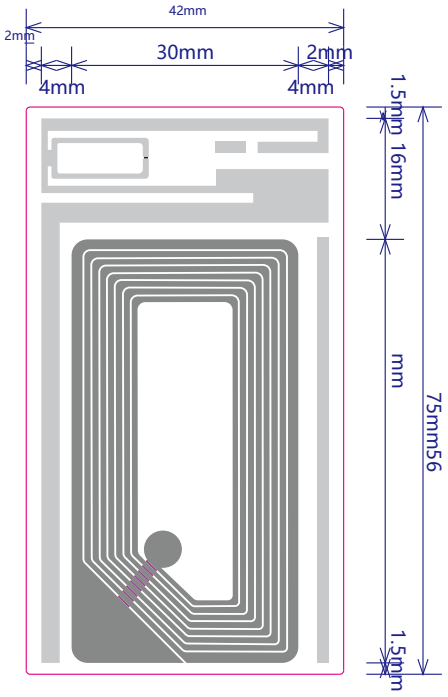
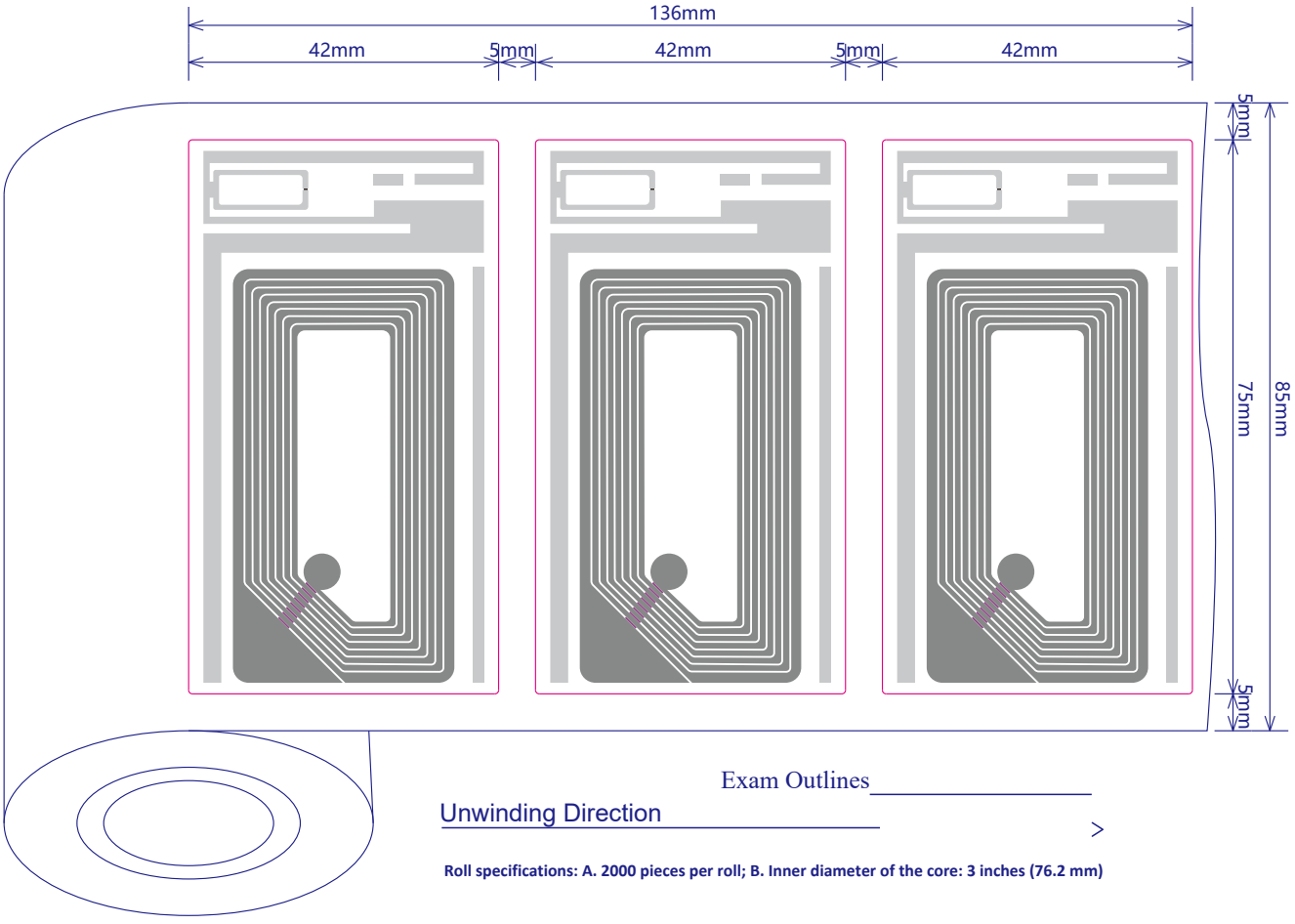
Physical Characteristics

Tolerance: ±0.5 mm





Roll specifications: A. 2000 pieces per roll; B. Inner diameter of the core: 3 inches (76.2 mm)

1.2 Reel Details

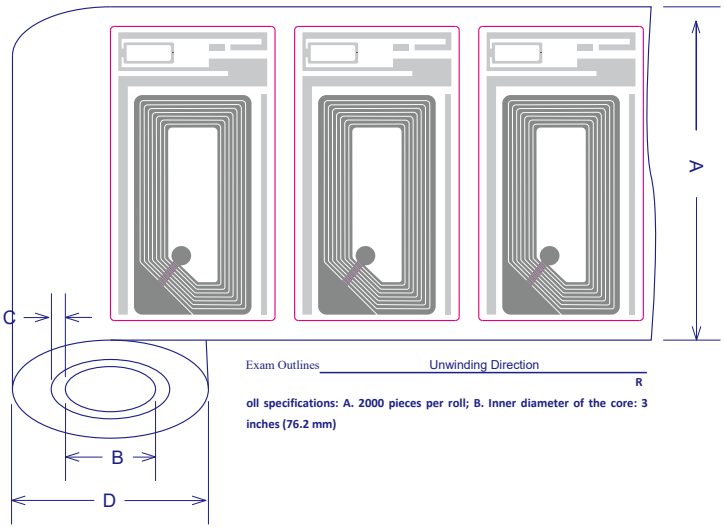
Web width: 85±0.5mm

Inner core diameter:

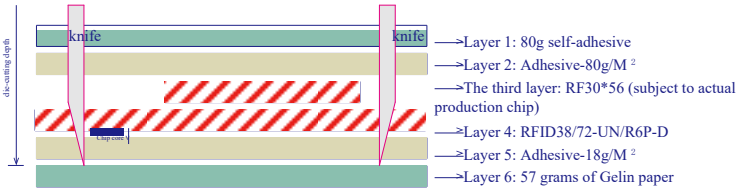
6inch(152.4(+0.5/-0.4)mm)

Core thickness: 5±0.5mm

Roll size: ≤ 378mm



1.3 Structure



2 Electrical Characteristics

Project (**Item**)		Description (Descr**iption**)	Remarks (**Remarks**)
Manufacturer/Chip		Impinj/Monza R6 P	
Substrate material		PET	
Antenna process mode		Al (10±2 μm) + PET (50± 5μm) *Etched Aluminum (10±2μm) + PET (50±5μm)*	
compliant protocol		ISO/IEC 18000-6C EPC Class1 Gen2	
Chip memory area Memory	EPC	128/96Bits	Read & Write
	TID	48 Bits	Read-only
	Unique TID	48 Bits	Read-only
	Password	32BITS access password 32Bits Access	
	User	32/64Bits	
Carrier frequency		860 ~960MHz	
Work pattern Operating Mode		Passive passive	
Chip life		Write 100,000 times, Data is stored for 10 years	
ESD Voltage Immunity		Max . 2000V	Human Body Model (HBM)

3 Environmental Requirements

Operating Temperature/Humidity: -5~60°C / 20%~80% RH

Storage Temperature/Humidity: 20~30°C / 20%~60% RH

Shelf Life: 1 year when stored in an anti-static bag under conditions of 20~30°C / 20%~60% RH (from the date of manufacture).