11045 Tear-resistant label

Finished Product Dimension
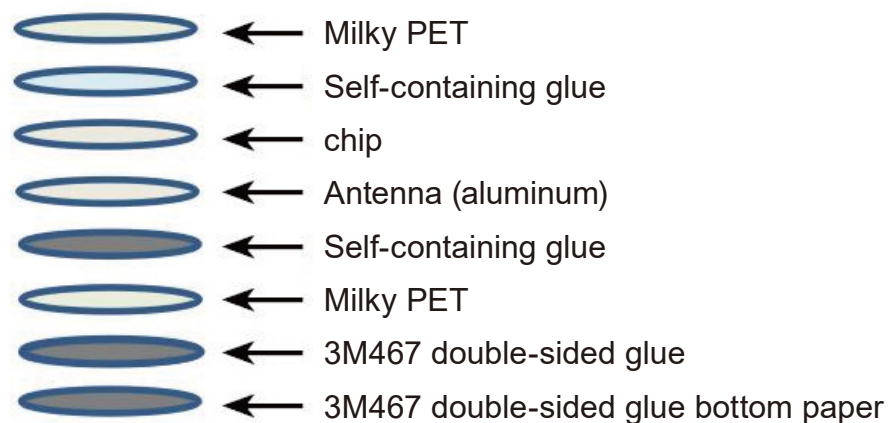

Unwinding Direction
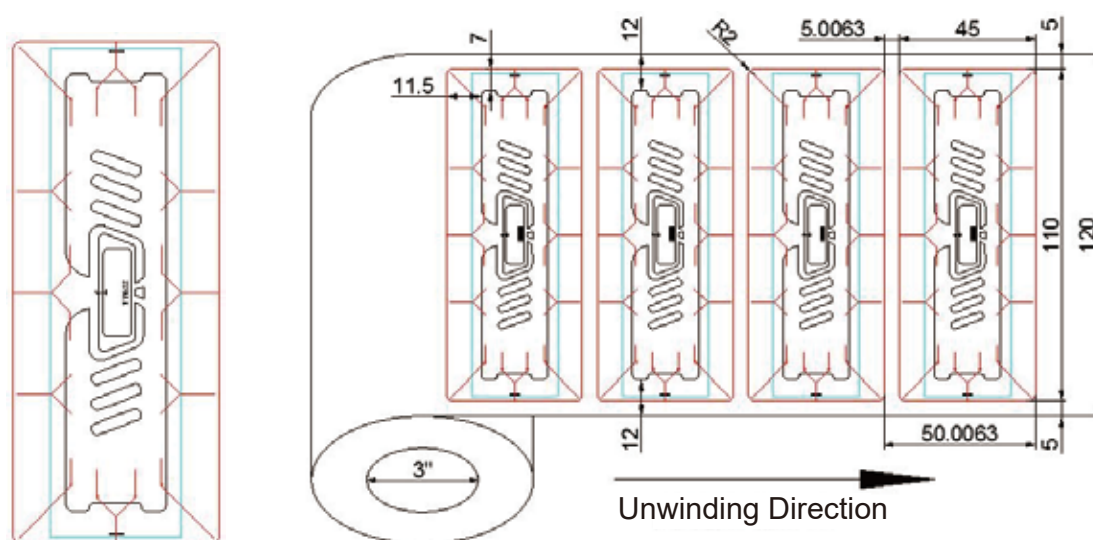
Dimensions Deviation

Inlay Length	22±0.20
Inlay Width	96±0.20
Inlay right to label right	11.5±1.0
Inlay left to label left	11.5±1.0
Label Length	45±0.50
Label Width	110±0.50
Label Corner Radius	R=2±0.50
Label Edge to Liner Edge (Top)	5±1.0
Label Edge to Liner Edge (Bottom)	5±1.0
Label Pitch	50.00±0.5
Label Gap	5.00±0.5
Liner Width	120±1.0
Core ID	3inch(76.20±0.50)
Roll OD	$\leqq$194
Inlay Top to Label Top	7±1.0

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Inlay Edge to Label Edge (Bottom)	7±1.0
Antenna Length	22±0.20
Antenna Width	96±0.20

Dimensions Deviation

Milky PET

Self-containing glue

chip

Antenna (aluminum)

Self-containing glue

Milky PET

3M467 double-sided glue

3M467 double-sided glue bottom paper

Electrical Characteristics

Manufacture / chip	NXP/UCODE 8		
Base Material	PET(50μm)		
Antenna	AL(9μm)		
Protocol	ISO/IEC18000-6C EPC Class1 Gen2		
Memory	EPC	128 Bits	Read & Write
	TID	48 Bits	Read Only
	Unique TID	48 Bits	Read Only
	Password area	Kil/Access -64Bits	Read & Write
	User area	None	
Frequency	860~960MHZ		
Reading distance	/		
Operating Mode	Passive		
IC Life	100,000 Programming cycles,10years data retention		
ESD Voltage Immunity	2000V Human being mode(HBM)		

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Environmental Requirement

Temperature/Humidity for Label Attach	[10℃ to 40℃] 20% to 80%RH Environmental requirements of adhesive may vary on different materials
Temperature/Humidity after Label Attached to the Products	[-20℃ to +50℃] 20% to 80%RH Environmental requirements of adhesive may vary on different materials
Shelf Life	From the date of manufacture, 1 year at 23±5℃ / 50%±10%RH), sealed in the vacuum bag and avoid direct sunlight exposure.

Disclaimer: Our recommendations are based on our latest knowledge and experience, we reserve all rights for final explanation.

Handling Precautions

- Keep away from water and collision. DO NOT BEND

Packaging

Shipping format	Roll	Vacuumed packing in ESD bag
Quantity	2000±2Pcs/roll	
Packaging method	4 rolls/ct n(Actual Qty as per Shipping Mark)	
Packaging pictures		
Special requirement	There is no gap in the box	

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