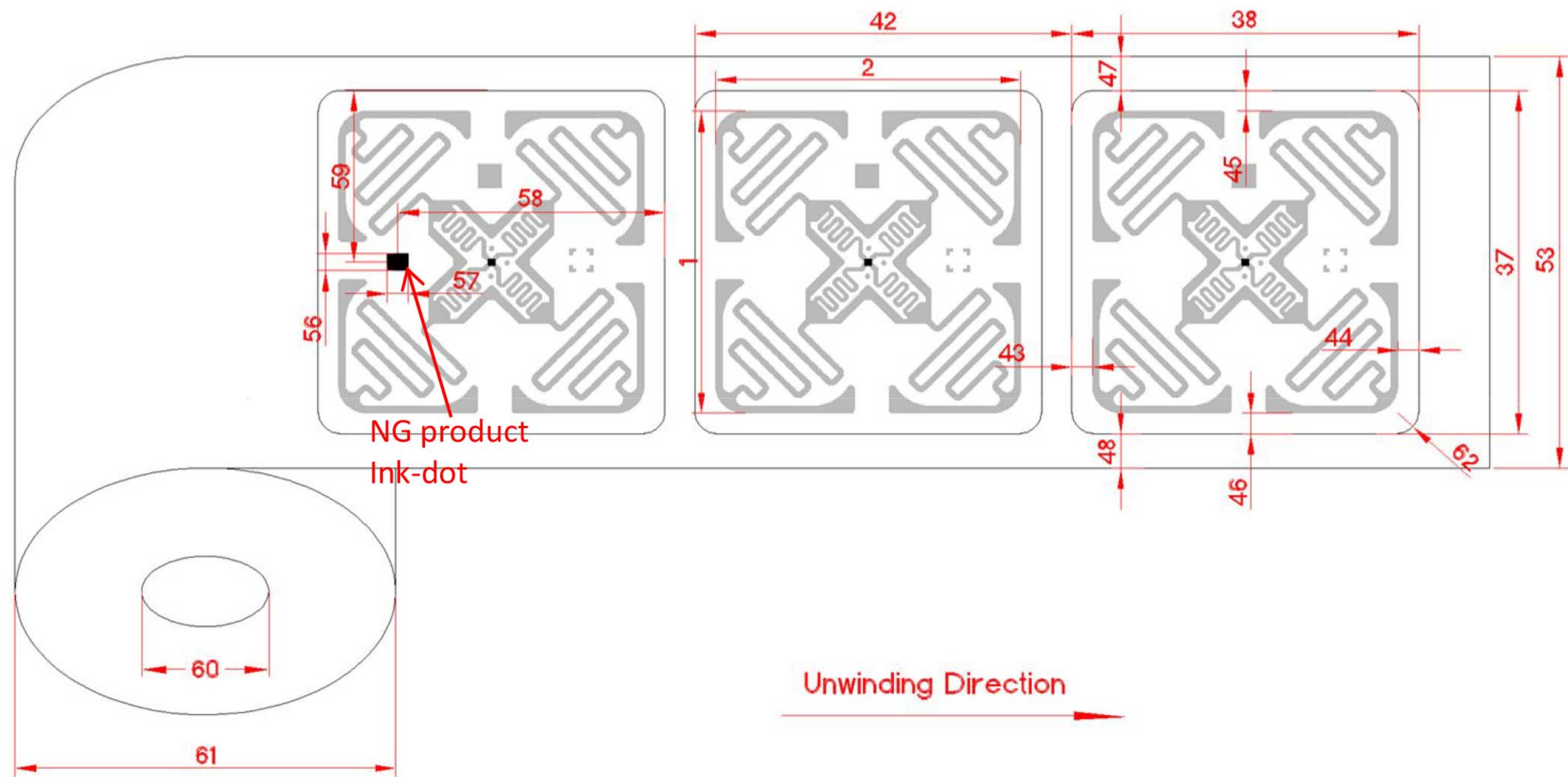


1. Performance Specifications

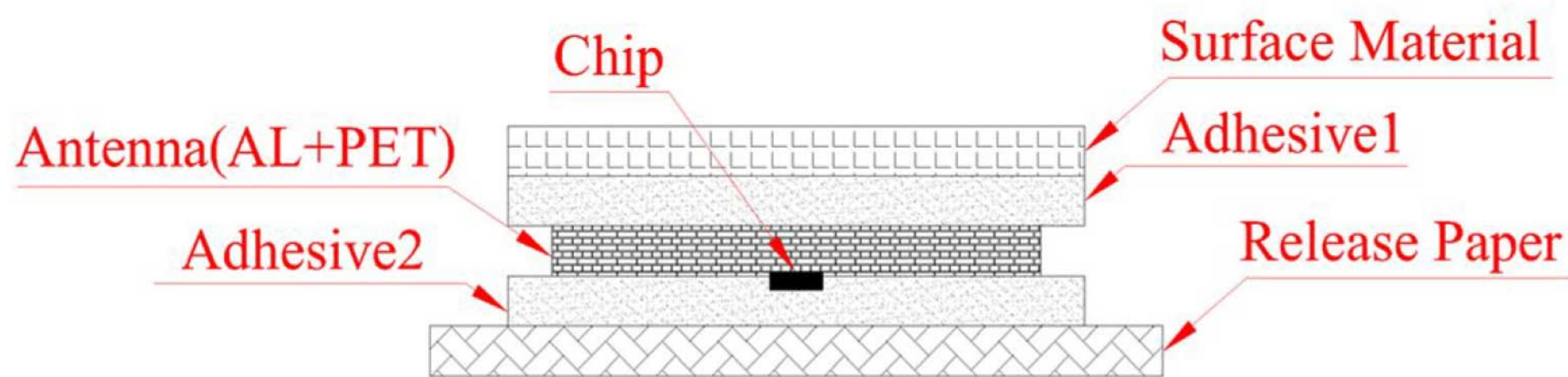
RFID Chip	Impinj Monza 4E		
Protocol	ISO/IEC 18000-6C, EPCglobal Class 1 Gen 2		
Operating Frequency	860~960MHz		
Operating Mode	Passive(Battery free)		
Memory	48 Bits TID, 496 Bits EPC, 128 Bits User Memory	32Bits Access, 32Bits Kill	
IC Life	100,000 Programming cycles, 10 years data retention		
Benefits	High-readability And Higher Read Rate; True3D design with complete orientation insensitivity.		

2. Mechanical Dimensions

NO.	Item	Parameter(mm)	Tolerance	Parameter(in.)
1	Antenna Width	44.00 mm	± 0.20 mm	1.732 in
2	Antenna Length	44.00 mm	± 0.20 mm	1.732 in
37	Label Width	50.00 mm	± 0.20 mm	1.969 in
38	Label Length	50.00 mm	± 0.50 mm	1.969 in
42	Label Pitch	54.33 mm	± 1.00 mm	2.139 in
43	Antenna Edge to Label Edge (Left)	3.00 mm	± 3.00 mm	0.118 in
44	Antenna Edge to Label Edge (Right)	3.00 mm	± 3.00 mm	0.118 in
45	Antenna Edge to Label Edge (Top)	3.00 mm	± 3.00 mm	0.118 in
46	Antenna Edge to Label Edge (Bottom)	3.00 mm	± 3.00 mm	0.118 in
47	Label Edge to Liner Edge (Top)	5.00 mm	± 1.50 mm	0.197 in
48	Label Edge to Liner Edge (Bottom)	5.00 mm	± 1.50 mm	0.197 in
53	Liner Width	60.00 mm	± 1.00 mm	2.362 in
56	Ink-dot Width	2.50 mm	± 2.00 mm	0.098 in
57	Ink-dot Length	3.00 mm	± 2.00 mm	0.118 in
58	Ink-dot to Product Edge(Right)	40.00 mm	± 2.00 mm	1.575 in
59	Ink-dot to Product Edge(Top)	25.00 mm	± 2.00 mm	0.984 in
60	Core inner diameter	76.20 mm	± 0.50 mm	3.000 in
61	Reel Outer diameter	≤ 203mm (Based on the actual shipment quantity)		
62	Label Corner Radius	R=3.00 mm	± 0.20 mm	0.118 in



3. Label Structure



Surface Material	White matt art paper	70g/m ² ± 10%, 72μm ± 10% (FASSON MW1644)
Adhesive 1	Acrylic emulsion	19g/m ² ± 5g/m ²
Antenna	Aluminum etching	AL + PET (10μm + 50μm)
Adhesive 2	Acrylic emulsion	19g/m ² ± 5g/m ²
Release Paper	White glassine paper	61g/m ² ± 10%, 55μm ± 10%

4. Environment Requirement

Operating Temperature/Humidity	-0~60℃ / 20%~80% RH	
Storage Temperature/Humidity	20~30℃ / 20%~60% RH	
Shelf Life	1 year in anti-static bag at 20~30℃ / 20% ~60% RH	
ESD Voltage Immunity	2 kV (HBM)	
Bending Diameter	> 50mm	

5. Delivery Details

Appearance	Single row reel form	
Quantity	2000 ± 10 pcs/Roll; 8 Rolls/Carton	Carton Size: 440x440x150mm
Weight	To be determined	Based on the actual shipment quantity
Final inspection	100 %, known faulty ones marked	
Delivery yield	≥ 99.5%	

Packaging Photograph



AllGood-Group reserves the right for modifying the specification data without notice in advance!