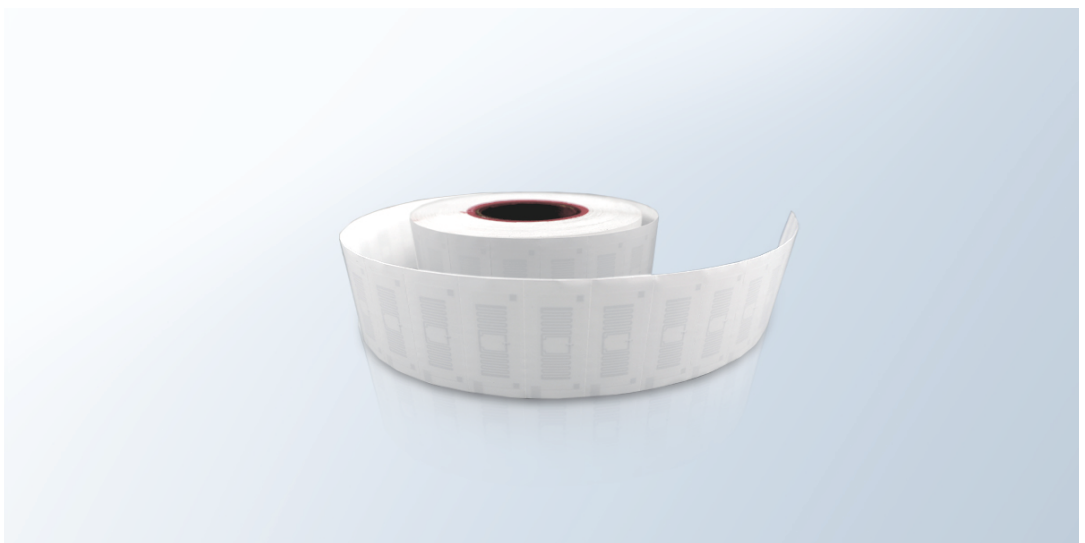
AZL-U9-NL-6631

66×31 mm Smart Textile UHF RFID Tag

UHF | ISO/IEC 18000-6C | EPC Class1 Gen2v2.1 | 66 x 31 mm



Key Features

Operating Frequency
UHF 860-960 MHz

Chip Type
NXP® UCODE® 9

International Standard
ISO/IEC 18000-6C, EPC Global Gen2v2.1

EPC Memory
96 bits

1. Product Overview

Boost inventory efficiency with our Smart Textile RFID Tag, specifically engineered for the fashion and apparel sectors. With a compact size of 66×31 mm and powered by the advanced NXP® UCODE® 9 chip, this tag adheres to ISO/IEC 18000-6C standards, offering exceptional tracking performance and durability. It features dotted lines for precise sewing, simplifying inventory control and enhancing the self-checkout experience.

2. Product Parameters

2.1 Physical Characteristics

SKU	AZL-U9-NL-6631
Material	Nylon
Tag Size	66×31 mm
Antenna Size	40×15 mm

2.2 Technical Parameters

Operating Frequency	860-960 MHz
Communication Protocol	ISO/IEC 18000-6C, EPC Class1 Gen2v2.1
Operating Mode	Passive

2.3 Chip Characteristics

Chip Manufacturer	NXP®
Chip Type	NXP® UCODE® 9
Data Retention	20 years
EPC Memory	96 bits
TID Memory	96 bits
Kill Password	32 bits
Write Endurance	100,000 times
Encoding Speed	32 bits in 0.96 ms
Read Sensitivity	-24 dBm
Write Sensitivity	-22 dBm

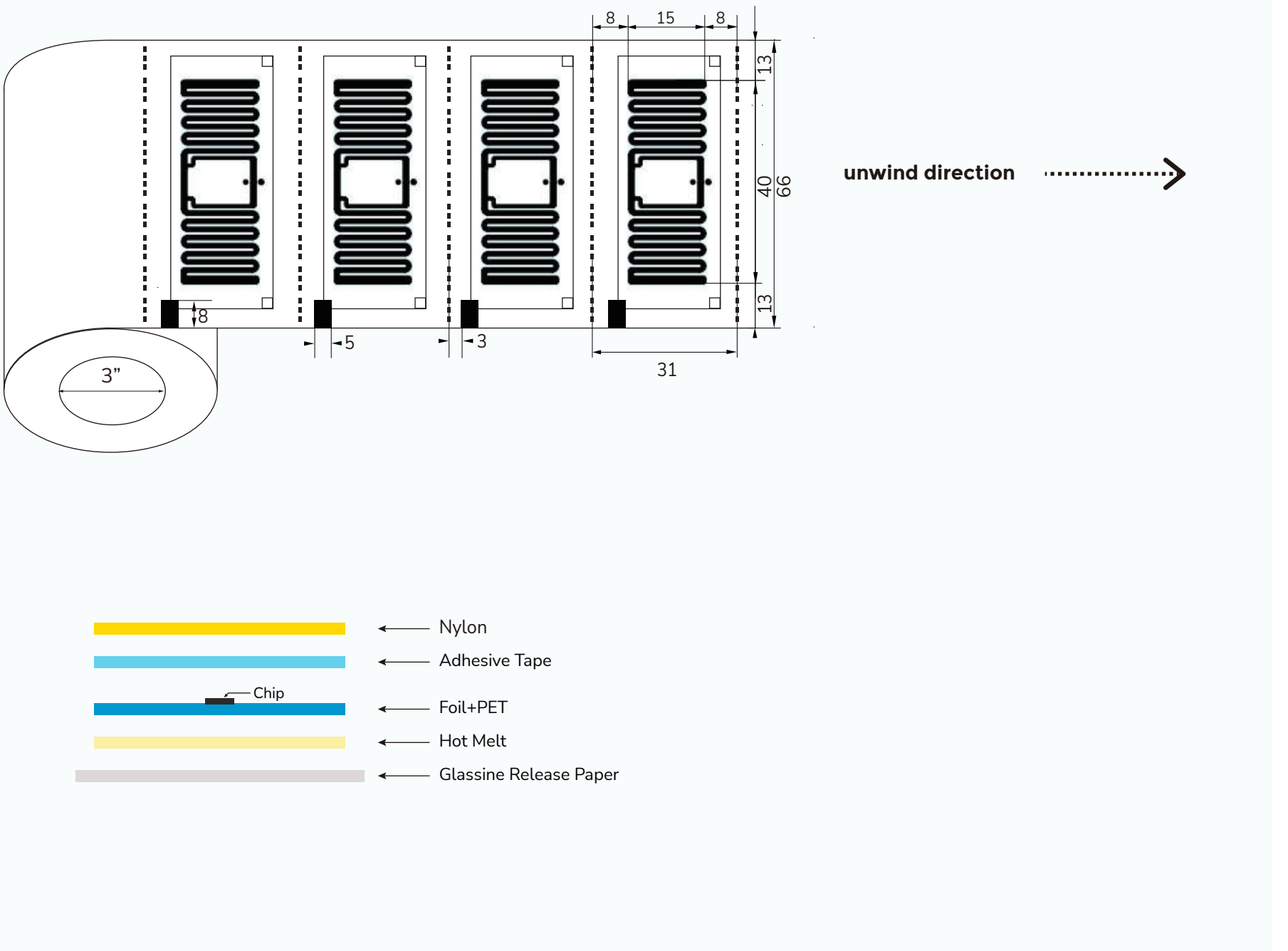
2.4 Additional Information

Operating Environment	Label attach: +10°C~+40°C, 20%~80% RH After label attached: -20°C~+50°C, 20%~80% RH
Storage Environment	+18°C~+28°C, 40%~60% RH

2.5 Packaging

Packing Format	Packed in roll, vacuumed packing in ESD bag
Roll OD	Max. 8.27 inch/210 mm
Core ID	3 inch(76.20±0.50 mm)
Packing Quantity	2000 pcs/roll (0.972 kg/roll)

3. Label Dimensions



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