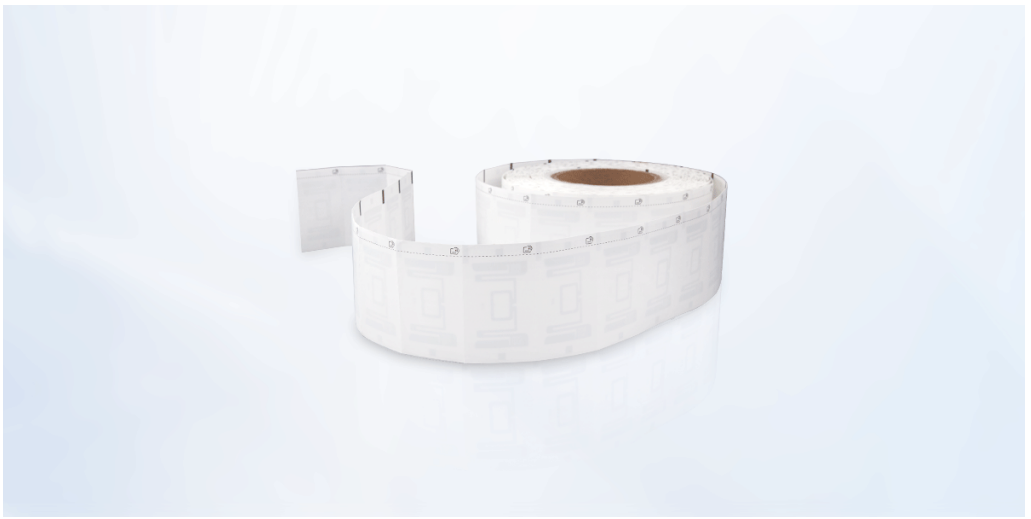
AZL-U9-NL-7040

70×40 mm NXP® UCODE® 9 RFID Label

UHF | ISO/IEC 18000-6C | EPC Global Gen2v2.1 | 70 x 40 mm



Key Features

Operating Frequency
UHF 860-960MHz

Chip Type
NXP® UCODE® 9

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

EPC Memory
96 bits

TID Memory
96 bits

Certificate
WEEE compliant

1. Product Overview

The 70×40 mm NXP® UCODE® 9 RFID label uses the advanced NXP® UCODE® 9 chip that complies with ISO/IEC 18000-6C standards, excels in tracking and durability, and can improve inventory efficiency for the fashion and apparel industries. The label is made of durable nylon and has dotted lines for precise sewing, simplifying inventory management and self-checkout processes.

2. Product Parameters

2.1 Physical Characteristics

SKU	AZL-U9-NL-7040
Material	Nylon
Label Size	70×40 mm
Antenna Size	50×30 mm

2.2 Technical Parameters

Operating Frequency	860-960 MHz
Communication Protocol	ISO/IEC 18000-6C, EPC Global Gen2v2.1
Antenna Etching Mode	Aluminum etching

2.3 Chip Characteristics

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

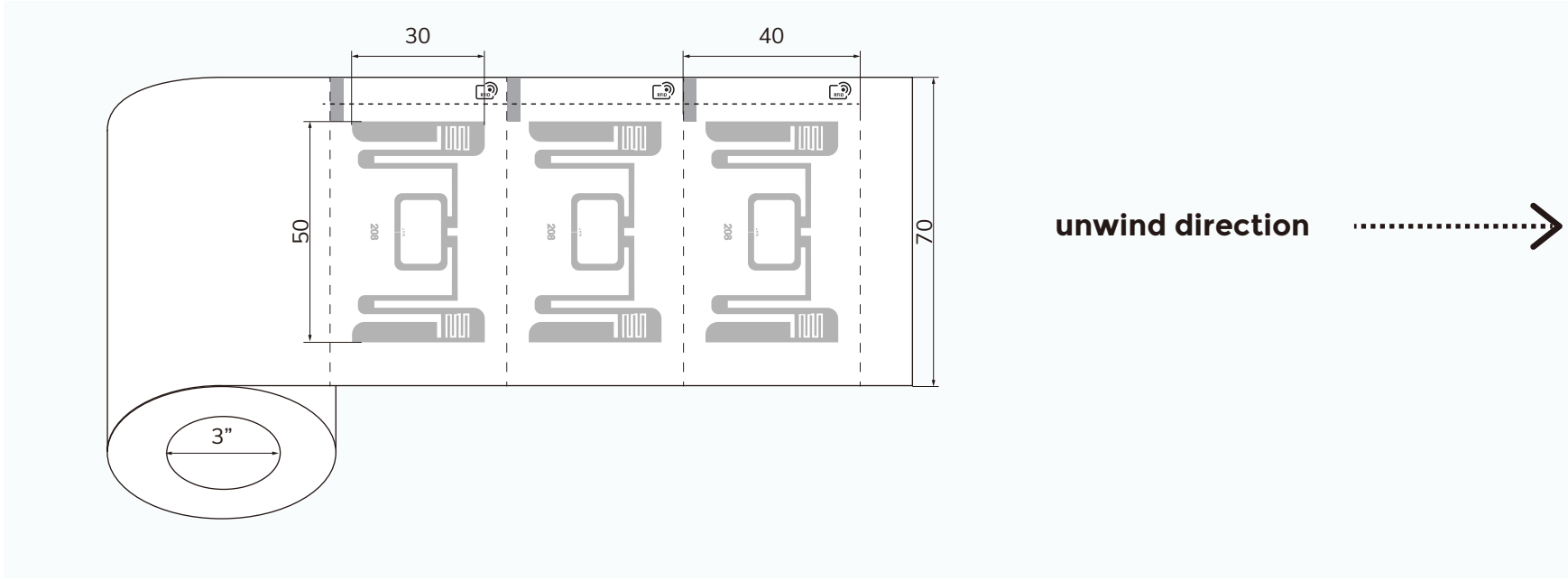
2.4 Additional Information

Operating Environment	-40°C~+70°C, 20%~90% RH
Storage Environment	+18°C~+28°C, 40%~60% RH
Handling Precautions	1. Do not bend. 2. Keep away from water and collision. 3. Labels with black-dot marks are bad ones, do not use.

2.5 Packaging

Packing Format	In roll, vacuumed packing in ESD bag
Roll OD	Max. 203.2 mm
Core ID	3 inch(76.20±0.50 mm)
Packing Quantity	1000 Pcs/roll, single roll weight 0.8325 kg

3. Label Dimensions



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