AZL-U8-NL-8035

80×35 mm Smart Textile NXP® UCODE® 8 Nylon UHF RFID Tag

UHF | ISO/IEC 18000-6C | EPC Global Gen2V2 | 80 x 35 mm



Key Features

Operating Frequency
UHF 860-960 MHz

Chip Type
NXP® UCODE® 8

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

EPC Memory
128 bits

Certificate
WEEE compliant

1. Product Overview

Improve inventory efficiency with our smart textile RFID tags, designed specifically for the fashion and apparel industry. Measuring 80×35 mm, the tag features the advanced NXP® UCODE® 8 chip, compliant with ISO/IEC 18000-6C, offering excellent tracking and durability. The tag comes with black mark and dashed cutting line for easy identification, streamlining inventory management and self-checkout processes.

2. Product Parameters

2.1 Physical Characteristics

SKU	AZL-U8-NL-8035
Material	Nylon
Tag Size	80×35 mm
Antenna Size	70×15 mm

2.2 Technical Parameters

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

2.3 Chip Characteristics

Chip Manufacturer	NXP®
Chip Type	UCODE® 8
Data Retention	20 years
EPC Memory	128 bits
User Memory	0 bits
TID Memory	96 bits
Write Endurance	100,000 times
Read Sensitivity	-23 dBm
Write Sensitivity	-18 dBm
Access Password	32 bits
Kill Password	32 bits
Memory Safeguard	Yes

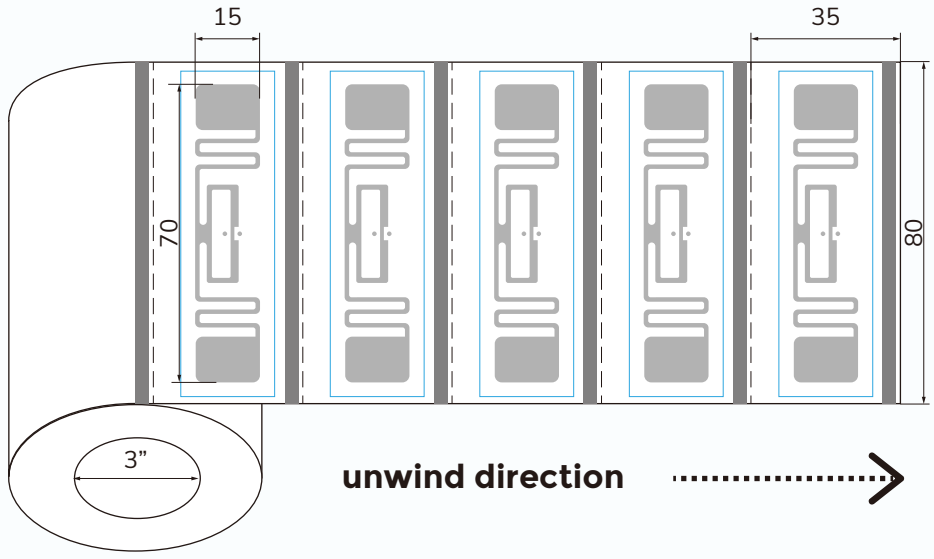
2.4 Additional Information

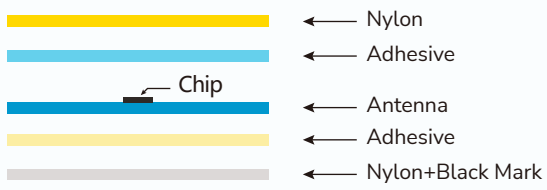
Operating Environment	-20°C~+50°C, 20%~80% RH
Storage Environment	+18°C~+28°C, 40%~60% RH
Handling Precautions	1. Do not bend. 2. Keep away from water and collision. 3. Tags with black-dot marks are bad ones, do not use.

2.5 Packaging

Packing Format	Packed in roll, vacuumed packing in ESD bag
Roll OD	Max. 205 mm
Core ID	3 inch(76.20±0.50 mm)
Packing Quantity	2500 Pcs/roll, per roll 1.45 kg

3. Label Dimensions





RFID label

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Shenzhen Office: 33-408, Qianhai SZ-HK Fund Town, Nanshan, Shenzhen, China 518052
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