



NXP UCODE®9xe Textile RFID Laundry Tag



SKU:	RS-U9XE-TXT-7015
Chip Type:	NXP UCODE®9xe
Frequency Band:	UHF 860-960 MHz
EPC Memory:	128 bits
Read Range:	Fixed Reader(2W ERP): US: > 14 m; EU: > 14 m Handheld Reader: US: > 13.5m; EU: > 9.5 m
Fixed Reader (2W ERP):	US: > 14 m; EU: > 14 m
Handheld Reader:	US: > 13.5 m; EU: > 9.5 m
Protocol:	ISO/IEC 18000-63 EPCglobal Gen 2v2
Industry:	Healthcare, Hospitality, Industrial industry, Military and Defense Sector
Applications:	Industrial Laundry, Linen Rental, Uniform Management, Hotel Linen Management, Healthcare Linen Management, Military Laundry

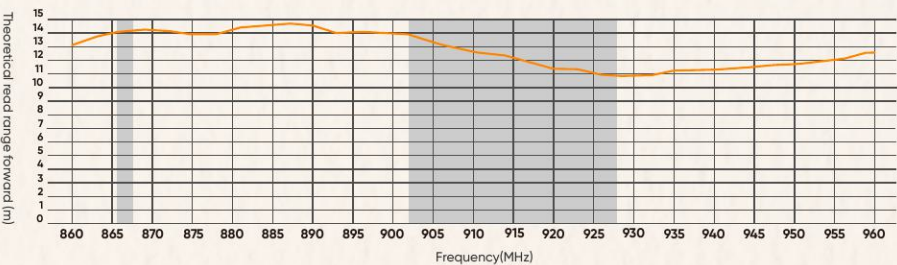


Constructed from high-strength, abrasion-resistant, flexible, moisture-resistant, and easy-care polyester, this slim NXP UCODE®9xe RFID textile laundry tag is engineered to withstand and exceed 200 industrial wash cycles, ensuring exceptional durability throughout the washing process.

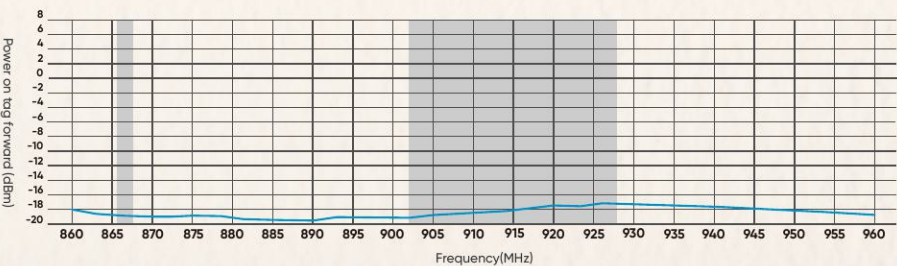
Equipped with the state-of-the-art RFID chip, NXP UCODE®9xe, this laundry tag provides remarkable performance and a wide read range, even in the most demanding laundry environments. This RFID textile laundry tag is ideal for various applications such as industrial laundry, linen rental, uniform management, hotel linen management, healthcare linen management, military laundry, and beyond.

Reading Performance

Reading range under different frequency



Tag power under different frequency



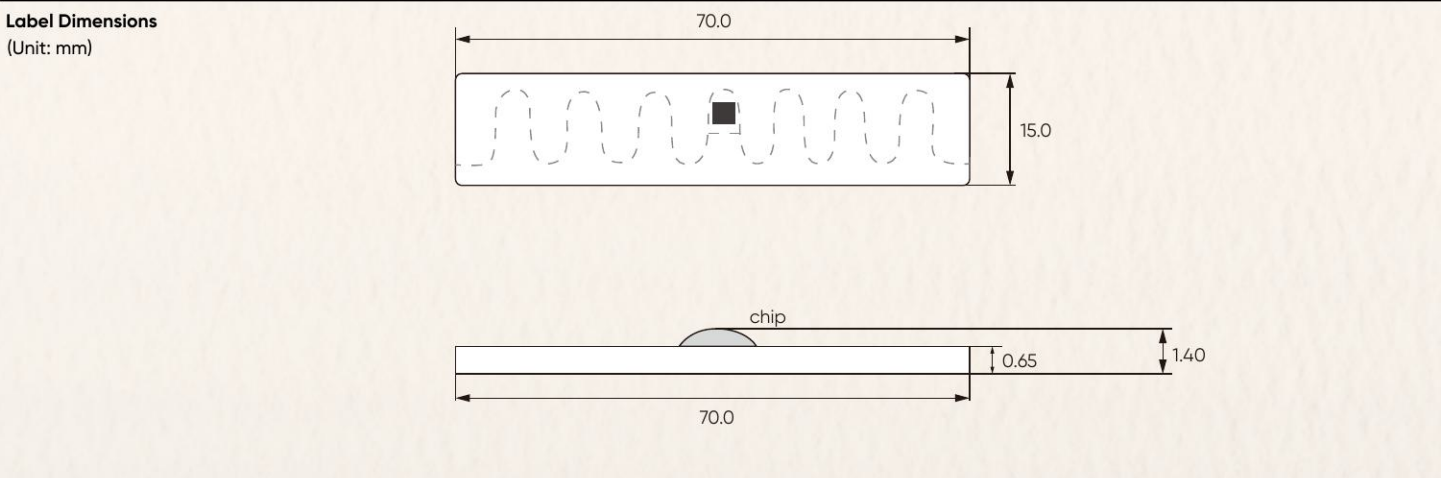
Physical Information

Material	Textile
Size	70 × 15 mm
Tag Color	White
Tag Weight	0.4 g
Operating Environment	-20°C~-85°C(-4°F~+185°F), 8%~95% RH
Storage Environment	+18°C~+28°C(+64.4°F~+82.4°F), 40%~60% RH
Mounting Method	Sewn into the hem, or sewn-in pouch(do not sew onto the metal wire or chip module during sewing)
Customization	Support logo printing, encoding, and tailored design

Technical Information

Operating Frequency	860~960 MHz
Protocol	ISO/IEC 18000-63, EPCglobal Gen 2v2
Read Range	Fixed Reader(2W ERP): US: > 14 m; EU: > 14 m Handheld Reader: US: > 13.5 m; EU: > 9.5 m
Chip Type	NXP UCODE®9xe
EPC Memory	128 bits
TID Memory	96 bits
Security Features	Memory safeguard, 32-bit kill password

Washing Information	Washing Temperature	90°C(194°F)/15 minutes, 200 cycles
	Pre-Drying in Tumbler	180°C(356°F)/30 minutes
	Ironing	185°C(365°F)/10 seconds
	Sterilization Process	135°C(275°F)/20 minutes
	Water Extractor Press	60 bars
	Suitable Washing Methods	Washing and drying
	Chemical Resistance	Conventional detergents, fabric softeners, bleaching agents(oxygen/chlorine), and alkalis
	Washing Cycles	200 washing cycles or 3 years(whichever reaches first)



Mounting Methods

Method1:

Sewn into the hem

Sewed onto the woven label

Stitching

Method2:

Put it inside the cloth bag

Sewed it

Stitching

Do not sew onto the metal wire or chip module during sewing.