



PART NO.

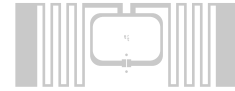
TT-421-01-U1W00

Legacy name: TT-U18-L16W42-U1

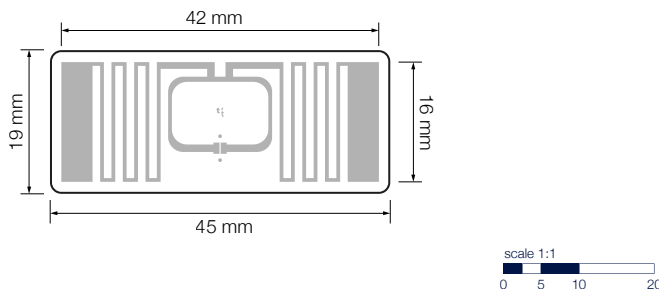
The TT-421 RAIN RFID tag is a well-functioning tool for general tracking and tracing purposes and other AIDC solutions.

It enables bulk scanning operations and has a robust scanning performance. Its convenient size and compliance with common industry standards makes it easy to apply to most existing RFID implementations.

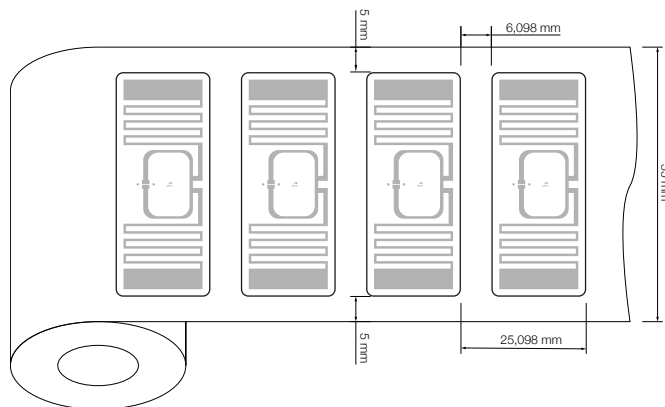
Multiple material customization options allow easy application to a variety of surfaces. Common applications: apparel, FMCG, automotive.



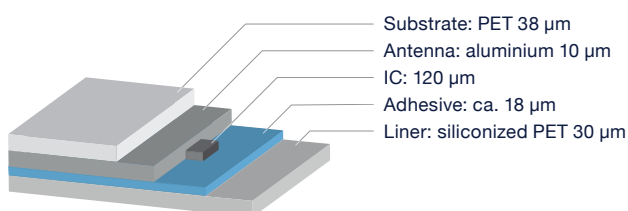
TAG DESIGN




ROLL DESIGN



TAG STRUCTURE



Tag parameters	
Antenna size	16x42 mm (0,63x1,65 in)
Die-cut size	19x45 mm (0,75x1,77 in)
Antenna to die-cut	1,5 mm [± 0,5 mm]
Product configuration	
Format	Wet inlay
Label pitch	25,098 mm
Web width	55 mm
Materials	
Antenna material	Aluminium
Face material	n/a; Available on request
Backing material	Siliconized PET 30 µm
Adhesive	Permanent hot-melt
Reel	
Qty/reel	4 000 pcs
Core size	3 in
Other	
Shelf life	2 years, 12-25 °C, 50% HG
Yield	Min. 99,0%
RF parameters	
IC	NXP UCODE 8
Operating frequency	860–960 MHz
User memory size	128-bit of EPC memory
Standards compliance	ISO 18000-63, RAIN RFID, EPC Class 1 Gen 2v2
Final inspection	100%
Dead tag marking	Black dot, 5 mm
Tag customization	Available on request
Tag encoding	Available on request
 ICs sourced directly from their manufacturer or authorised representative.	

For full legacy product name list refer to: http://bit.ly/legacy_product_names

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