RFID FLAG TAG

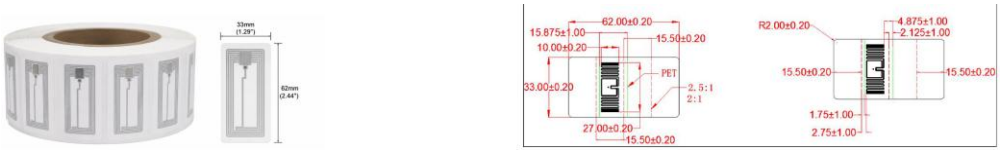
RFID Flag Tag, 2.44" × 1.29"

Part # **FLT62X33-U9-ID1-OD3-1000** · 62 × 33 mm

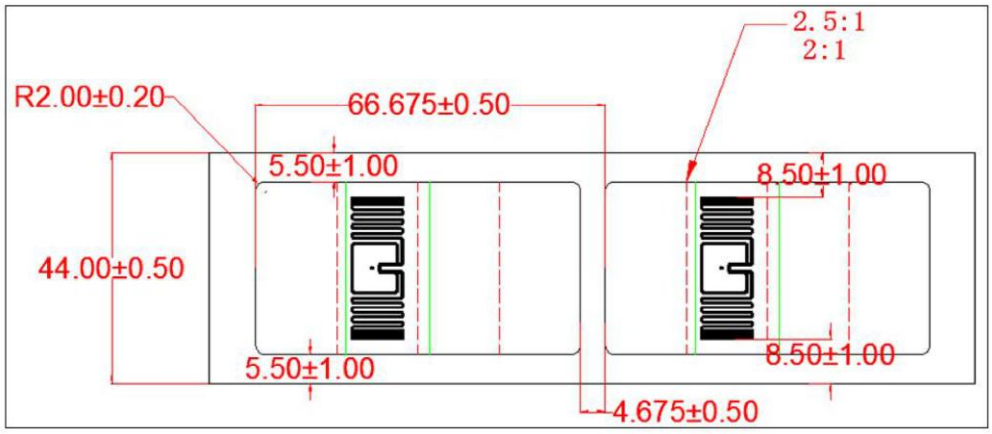
Flag tag for metal, liquids and carbon-fiber plastic surfaces: the flag stands off the item so the tag still reads.

SIZE	CHIP	LABELS PER ROLL	CORE / ROLL
2.44" × 1.29"	NXP UCODE 9	1,000	1" / 3"

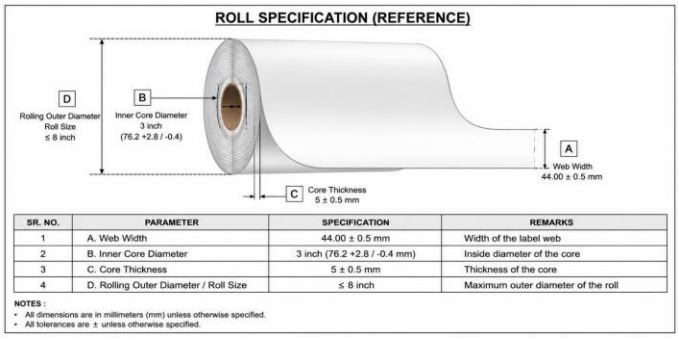
PICTURES AND DRAWINGS



Shape (appearance)



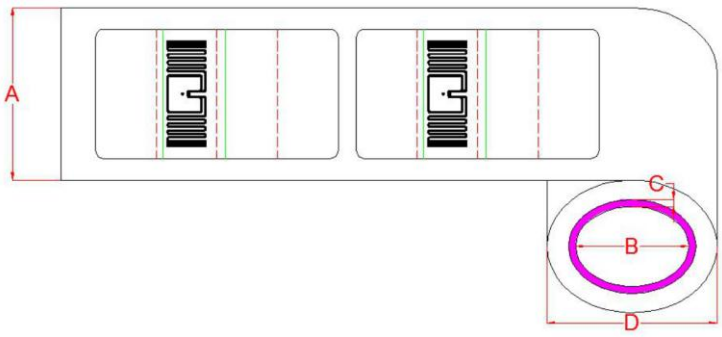
Finished product dimension (mm)



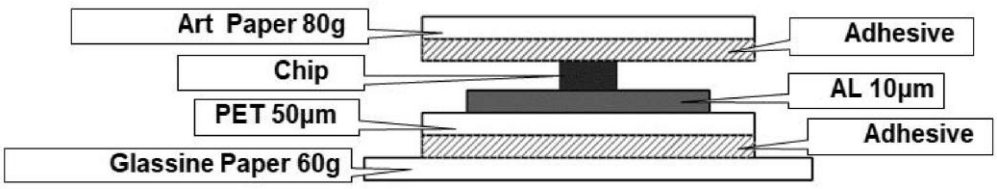
SR. NO.	PARAMETER	SPECIFICATION	REMARKS
1	A. Web Width	44.00 ± 0.5 mm	Width of the label web
2	B. Inner Core Diameter	3 inch (76.2 +2.8 / -0.4 mm)	Inside diameter of the core
3	C. Core Thickness	5 ± 0.5 mm	Thickness of the core
4	D. Rolling Outer Diameter / Roll Size	≤ 8 inch	Maximum outer diameter of the roll

NOTES :
- All dimensions are in millimeters (mm) unless otherwise specified.
- All tolerances are ± unless otherwise specified.

Rewinding specification (roll)



Rewinding direction



Structure

CHIP AND MEMORY

Manufacture / IC	NXP / UCODE 9
Protocol	ISO18000-6C EPC Class Gen2
Frequency	860~960 MHz
Operating mode	Passive
EPC memory	96 bits, Read & Write
User memory	0 bits
TID / Unique TID	96 bits, Read Only
Password	0 bits Access / 32 bits Kill; Kill Read & Write, Access Locked
IC life	100,000 programming cycles, 20 years data retention
ESD voltage immunity	Max. 2000 V (HBM, human body model)

CONSTRUCTION AND ENVIRONMENT

Face material	157g coated paper / 157g Art Paper
Bottom material	60g release paper / 60g Glassine Paper
Base material	PET
Antenna	Aluminum etching Al (10 μm) + PET (50 μm), etched aluminum (10 μm) + PET (50 μm)
Operating temperature / humidity	-5 to 60 °C (23 to 140 °F) / 20%–80% RH
Storage temperature / humidity	20 to 30 °C (68 to 86 °F) / 20%–60% RH
Shelf life	1 year in anti-static bag at 20–30 °C / 20%–60% RH, from the date of manufacture

ROLL AND CARTON

Die-cutting size	62 mm × 33 mm
Chip model	NXP / UCODE 9
Quantity per roll	1,000 pcs (Sparta part FLT62X33-U9-ID1-OD3-1000)
Core / roll size	1" core, 3" roll (Sparta part number)
Per carton	8 rolls/carton, carton dimension 440*440*135 mm (factory sheet)

PERFORMANCE (POWER ON TAG FORWARD VS FREQUENCY)

