RFID STICKER LABEL

RFID Sticker Label, 1.765" × 0.719"

Part # **STK45x19-U9-ID1-OD5-2500** · 45 × 19 mm (die-cut 44.83 × 18.26 mm)

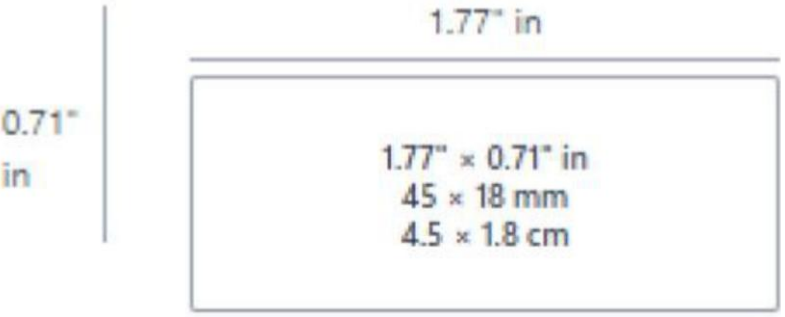
Sticker RFID label for most item surfaces: cardboard packaging, glass, fabric, plastic and wood. For metal, liquids or carbon-fiber plastic, use a flag tag.

READ RANGE	CHIP	LABELS PER ROLL	CORE / ROLL
10–20 ft	NXP UCODE 9	2,500	1" / 5"

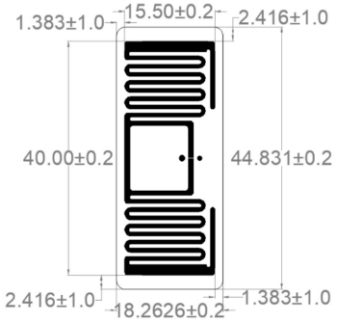
PICTURES AND DRAWINGS



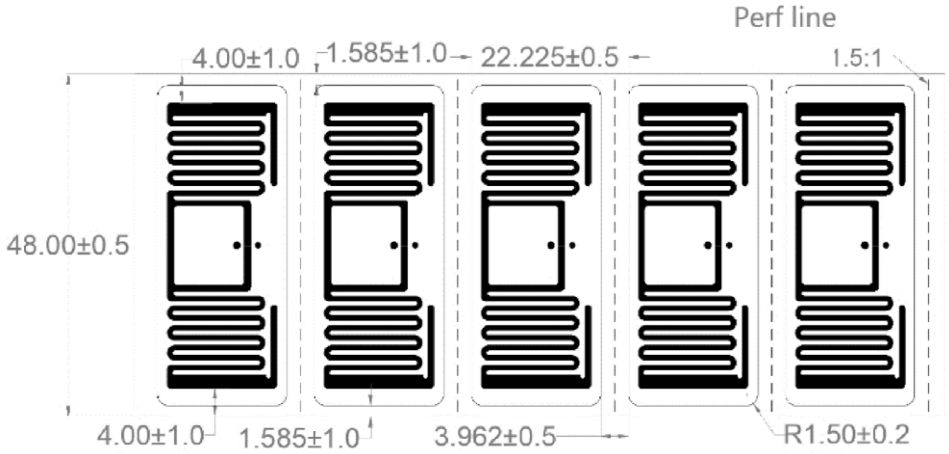
Roll



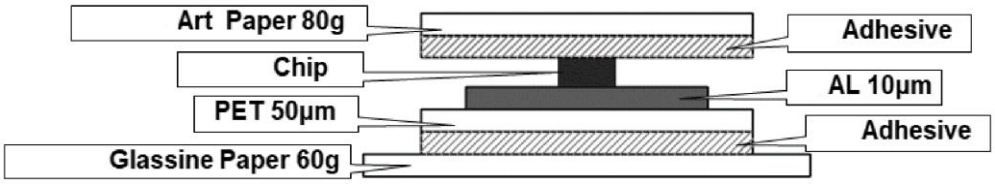
Label size



Die-cut dimensions (mm)



Labels on the liner (mm)



Structure

CHIP AND MEMORY

Manufacture / IC	NXP / UCODE 9
Protocol	ISO 18000-6C, EPC Class1 Gen2
Frequency band	860–960 MHz
EPC memory	96 bits
TID / Unique TID	96 bits
User memory	0 bits
Password	32 bits / 32 bits Kill
ESD voltage immunity	2000 V / Max. 2000 V (HBM, human body model)

CONSTRUCTION AND ENVIRONMENT

Antenna substrate	PET
Operating temperature	5 to 60 °C (41 to 140 °F)
Storage temperature	20 to 30 °C (68 to 86 °F)
Shelf life	1 year in anti-static bag at 20–30 °C / 20%–60% RH (from manufacturing)

ROLL AND CARTON

(ID) Inner core diameter	1 inch
Quantity per roll	2500 pcs
Roll size (OD, outer diameter)	5 inches
Rolls per box	18
Carton dimension	460*460*150 mm
Weight per box	27 kgs

PERFORMANCE (POWER ON TAG FORWARD VS FREQUENCY)

