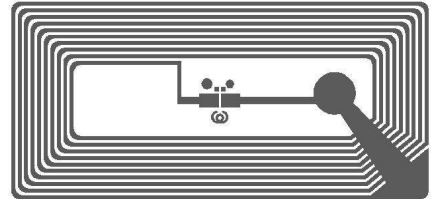


Invengo NTouch Wet Inlay

Product Specification

Mechanical dimensions

	Antenna length	32 ± 0.2 mm	1.26 in
B	Antenna width	15 ± 0.2 mm	0.59 in
C	Die-cut length	36 ± 0.2 mm	1.417 in
D	Die-cut width	18 ± 0.2 mm	0.709 in
E	Web width	40 ± 1 mm	1.575 in
F	Pitch	22 ± 0.2 mm	0.866 in
G	Die-cut to edge	2 ± 1 mm	0.079 in
H	Core size	76.2 mm	3 in
	PET thickness	0.05 mm	0.002 in
	Aluminum antenna thickness	0.009 mm	0.0003 in
	Face material	Clear PP60	



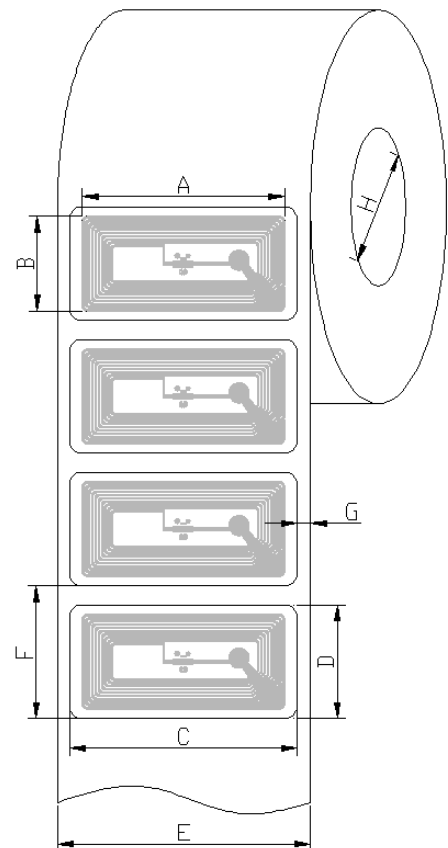
Antenna Size:
 32 x 15 mm
 1.26 x 0.59 in

Features

Compliant with ISO/IEC 14443A, NFC Forum Type 2 Tag
 Operating frequency 13.56MHz
 NXP NTAG203 chip

Environmental

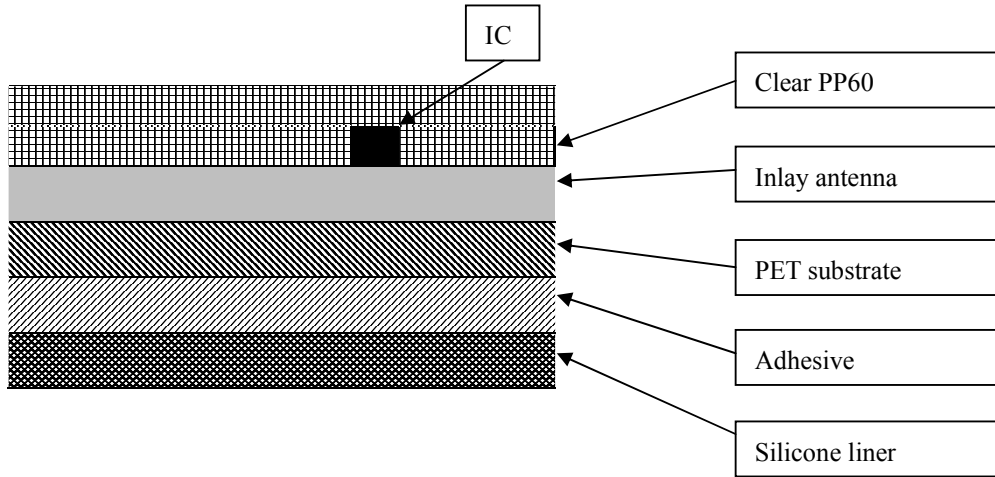
Operating temperature -40°C to $+85^{\circ}\text{C}$ (-40°F to $+185^{\circ}\text{F}$)
 Storage temperature -20°C to $+50^{\circ}\text{C}$ (-4°F to $+122^{\circ}\text{F}$)
 ESD $\pm 2000\text{V}$ peak
 Bending diameter $>50\text{mm}$, tension less than 10N
 Static pressure $<10\text{MPa}$ ($10\text{N}/\text{mm}^2$)
 Shelf life: From the date of manufacture 2 years in 20°C



RFID

Protocols supported	ISO/IEC 14443A, ISO/IEC 18092
Integrated Circuit	NXP NTAG203
Operating frequency	13.56MHz
Memory	168 bytes total (144 bytes user memory)

Structure



Order Information

Product name	NTouch wet inlay
Product number	XCTF-3005-C33-FSI
Roll size	2,500pcs/roll, 8rolls/box
Yield rate	≧ 97%
Final inspection	100%, known faulty ones marked out
Joint	≤ 2 connection each roll, marked in color
Core size	3 inch/76.2 mm
Winding direction	Inlay face outside of the roll.