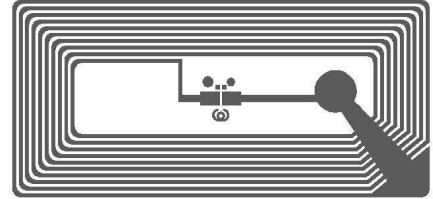


# Invengo NTouch Label

## Product Specification

### Mechanical dimensions

A	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 ± 0.2mm	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	White PP60	



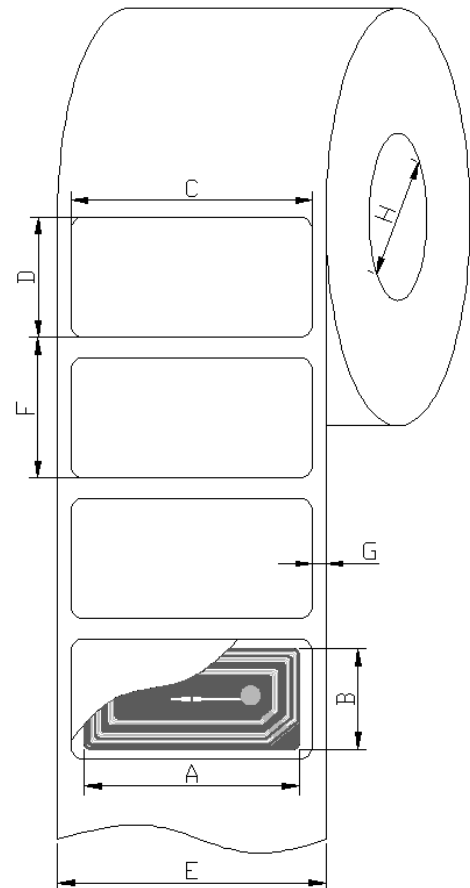
**Antenna Size:**  
32 x 15 mm  
1.26 x 0.59 in

### Features

Compliant with ISO/IEC 14443A, NFC Forum Type 2 Tag  
Operating frequency 13.56MHz  
NXP NTAG213 chip

### Environmental

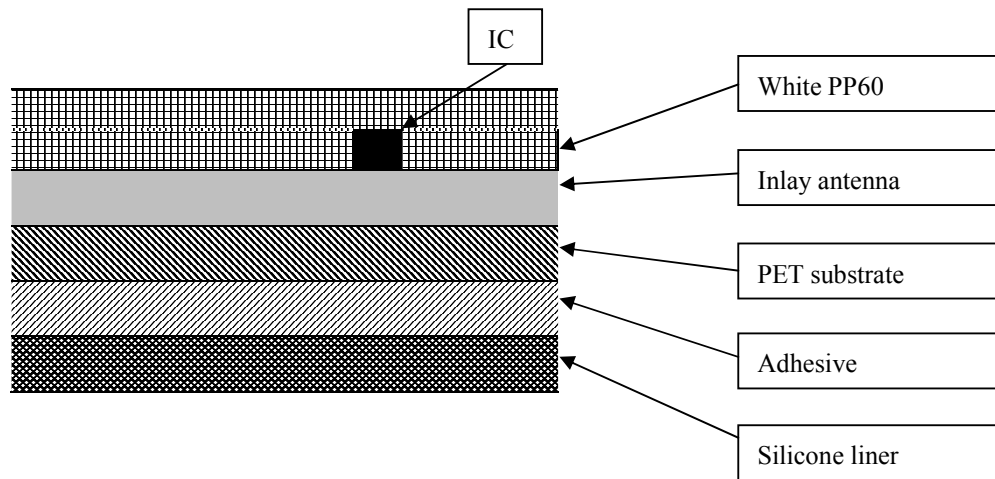
Operating temperature -40°C to +85°C (-40°F to +185°F)  
Storage temperature -20°C to +50°C (-4°F to +122°F)  
ESD ±2000V peak  
Bending diameter >50mm, tension less than 10N  
Static pressure <10MPa (10N/mm<sup>2</sup>)  
Shelf life: From the date of manufacture 2 years in 20°C



### RFID

Protocols supported	ISO/IEC 14443A and NFC Forum Type2
Integrated Circuit	NXP NTAG213
Operating frequency	13.56MHz
Memory	180 bits

**Structure**



**Order Information**

Product name	NTouch Label
Product number	XCTF-3005-C71-FPI
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.