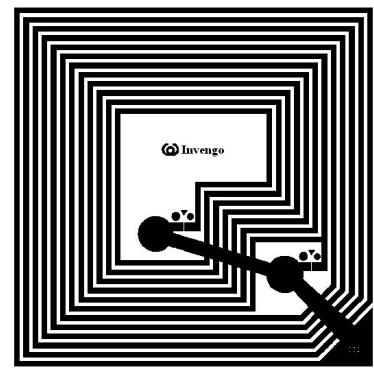


# Invengo Vault Tag

XCTF-3002-C32-FPI  
Product Specification

## Mechanical dimensions

A	Antenna length	43 ± 0.2 mm	1.693 in
B	Antenna width	43 ± 0.2 mm	1.693 in
C	Die-cut length	45 ± 0.2 mm	1.772 in
D	Die-cut width	45 ± 0.2 mm	1.772 in
E	Web width	51 ± 1 mm	2 in
F	Pitch	54 mm	2.126 in
G	Die-cut to edge	3 mm	0.118 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		



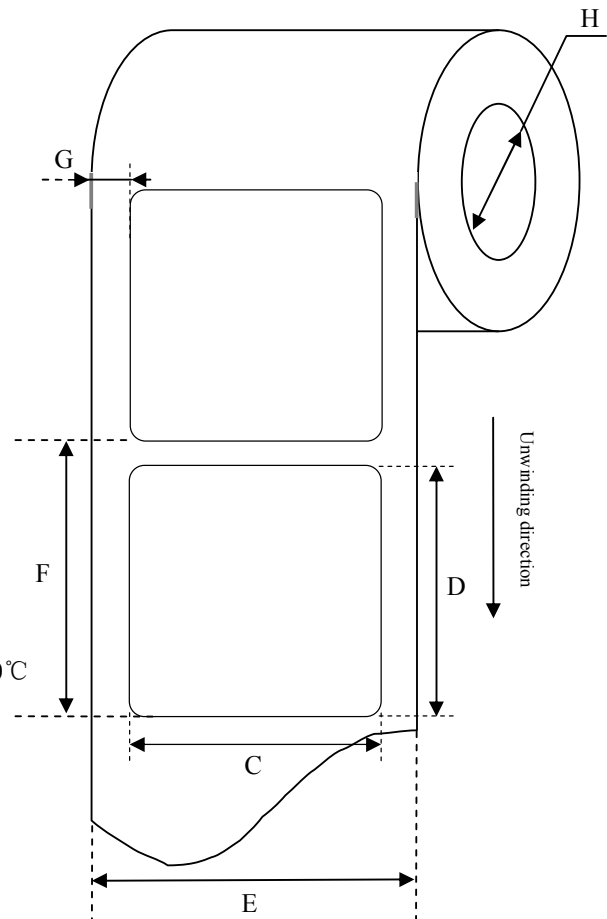
**Antenna Size:**  
43\*43 mm  
1.693\*1.693 in

## Features

Compliant with ISO15693  
Operating frequency 13.56MHz  
NXP ICODE 2 SLI chip

## Environmental

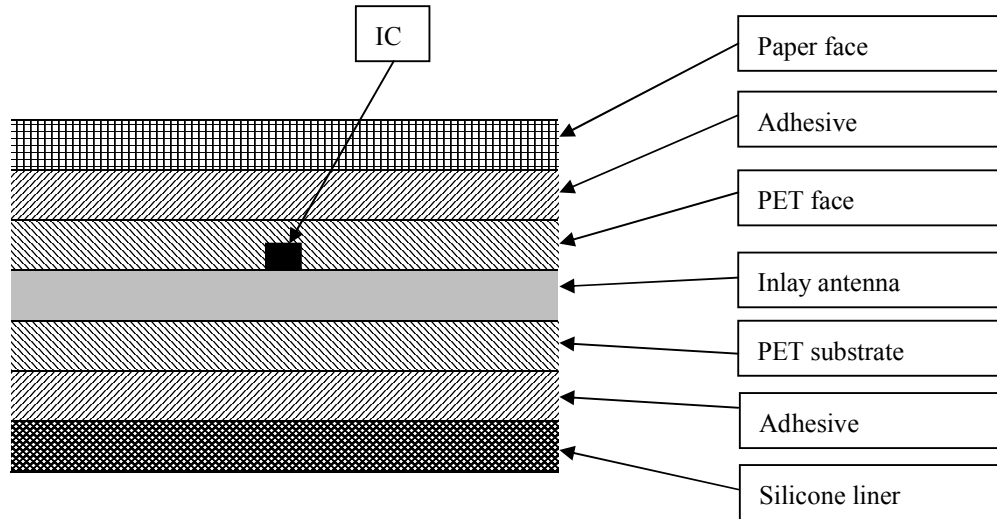
Operating temperature -40°C to +85°C (-40°F to +185°F)  
Storage temperature -20°C to +50°C (-4°F to +122°F)  
ESD ±2000V peak  
Bending diameter >50mm, tension less than 10N  
Static pressure <10MPa (10N/mm<sup>2</sup>)  
Shelf life: From the date of manufacture 2 years in 20°C



**RFID**

Protocols supported	ISO15693
Integrated Circuit	NXP ICODE 2 SLI
Operating frequency	13.56MHz
Memory	1024 bits

**Structure**



**Order Information**

Product name	Vault Tag
Product number	XCTF-3002-C32-FPI
Roll size	2000pcs/roll, 4rolls/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.