

## GoToTags PCVQ32DVEY

# GoToTags Blank White On-Metal NFC Sticker User Manual

Model: PCVQ32DVEY

## 1. INTRODUCTION

This manual provides essential information for the proper use and understanding of your GoToTags Blank White On-Metal NFC Stickers. These stickers are designed for reliable performance on various surfaces, including metal, aluminum, and other electronic devices, thanks to their integrated ferrite layer. Each sticker features an NTAG213 chip, pre-formatted with NDEF, offering 144 bytes of user memory. They are compatible with both iPhone and Android devices.

## 2. PRODUCT OVERVIEW

The GoToTags Blank White On-Metal NFC Stickers are versatile tools for various NFC applications. They come with an adhesive backing for easy placement and a smooth, glossy finish that offers slight water resistance and is suitable for printing.

### Key Features:

- Includes 10 blank white NFC stickers.
- Ferrite layer provides on-metal functionality, including aluminum and electronic surfaces.
- Each tag features a sticky adhesive backing for easy and convenient placement.
- Smooth, glossy finish provides slight water-resistance while also being print-friendly.
- A fast and modern NTAG 213 chip offers 144 bytes of user memory; ideal for a URL, text, contact card, etc.



Figure 2.1: A pack of ten GoToTags Blank White On-Metal NFC Stickers, showing their circular shape and plain white surface.



Figure 2.2: Close-up view of two NFC stickers, illustrating the smooth front surface and the slightly textured back surface, which contains the ferrite layer.



Figure 2.3: The adhesive backing of ten NFC stickers, revealing the protective peel-off layer with 3M branding, indicating the strong adhesive for secure attachment.

### 3. SETUP

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Before using your NFC stickers, it is essential to write data to them. These tags are blank upon receipt and require data programming before they can be read by NFC-enabled devices, including iPhones and Android phones.

1. **Prepare your device:** Ensure your smartphone (iPhone or Android) has NFC capabilities enabled. For iPhones, NFC reading is typically automatic on newer models (iPhone XS, XR, 11, and newer) when running iOS 13 or later. For older iPhones or specific Android devices, you may need to enable NFC in settings or use a dedicated NFC app.
2. **Choose an NFC writing application:** Download a reliable NFC writing application from your device's app store. Popular options include "NFC Tools" or "NFC TagWriter by NXP".
3. **Program the tag:** Open your chosen NFC writing application. Select the type of data you wish to write (e.g., a website URL, text, contact information, Wi-Fi credentials, or a shortcut automation). Follow the app's instructions to write the data to the blank NFC sticker by holding your device near the sticker.
4. **Verify the data:** After writing, use the same or another NFC reading app to verify that the data has been successfully written and is readable.
5. **Optional: Lock the tag:** Once the desired data is written, you have the option to "lock" the NFC tag. A locked tag becomes read-only, meaning its data cannot be altered or overwritten. *Note: A "locked" tag cannot be unlocked. Consider your use case carefully before locking.*
6. **Placement:** Peel off the adhesive backing and firmly press the NFC sticker onto your desired surface. The ferrite layer ensures functionality even on metal or electronic surfaces.

### 4. OPERATING INSTRUCTIONS

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Once programmed, your GoToTags NFC stickers can be used to trigger various actions simply by tapping an NFC-enabled device against them. The functionality depends on the data written to the tag and the capabilities of the reading device.

#### Common Use Cases:

- **Visit a website URL:** Tap to open a specific webpage in a browser.
- **Share a text file:** Instantly share pre-defined text.
- **Pair with a Bluetooth device:** Simplify the pairing process for Bluetooth accessories.
- **Launch a specific app:** Directly open an application on the device.
- **Connect to a Wi-Fi network with credentials:** Automate Wi-Fi connection without manual input.
- **Trigger a smart home automation:** Initiate routines or scenes in smart home systems.
- **Toggle Phone Settings (Alarm, Ringer, etc.) On/Off:** Quickly change device settings.
- **Send SMS Message:** Pre-fill and send an SMS.
- **Get Directions:** Open a map application with pre-set directions.

To activate the tag's function, simply hold your NFC-enabled smartphone close to the sticker. The optimal reading distance is typically within a few centimeters. Ensure your device's NFC reader is positioned directly over the tag for best results.

### 5. MAINTENANCE

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GoToTags NFC stickers are designed for durability and require minimal maintenance. Follow these guidelines to ensure their longevity:

- **Cleaning:** If the surface of the sticker becomes dirty, gently wipe it with a soft, damp cloth. Avoid abrasive cleaners

or harsh chemicals, as these may damage the glossy finish or the underlying chip.

- **Placement:** Once applied, avoid repositioning the sticker frequently, as this can weaken the adhesive. Ensure the surface is clean and dry before initial application for optimal adhesion.
- **Environmental Conditions:** While the stickers offer slight water resistance, prolonged exposure to extreme moisture or direct sunlight is not recommended. Store unused stickers in a cool, dry place.
- **Physical Damage:** Avoid bending, creasing, or puncturing the stickers, as this can damage the internal NFC chip and render the tag inoperable.

## 6. TROUBLESHOOTING

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If you encounter issues with your NFC stickers, consider the following troubleshooting steps:

- **Tag Not Reading:**
  - **Ensure data is written:** Remember, these tags are blank and require data to be written to them before they can be read. Use an NFC writing app to program the tag first.
  - **Correct placement:** Ensure your device's NFC reader is directly over the tag. The NFC antenna on phones is typically located near the top back of the device.
  - **Device compatibility:** Confirm your smartphone has NFC capabilities and that NFC is enabled in its settings. For iPhones, ensure you are using an iPhone XS, XR, 11, or newer with iOS 13 or later.
  - **Multiple attempts:** In some cases, especially with certain phone models or environmental factors, it may require 2-5 taps or slight repositioning of the phone on the tag to achieve a successful read.
  - **Interference:** Avoid placing the tag near other NFC tags or strong magnetic fields that could interfere with reading.
- **Data Not Changing:**
  - **Tag is locked:** If the tag was previously locked, its data cannot be changed. A locked tag is permanently read-only.
  - **App limitations:** Ensure your NFC writing application supports overwriting data on unlocked tags.
- **Inconsistent Reading:**
  - **Optimal distance:** Maintain a close distance (within a few centimeters) between the phone and the tag.
  - **Surface material:** While designed for on-metal use, extreme thickness of the metal or other conductive materials might affect performance.

If issues persist after following these steps, please contact GoToTags customer support for further assistance.

## 7. SPECIFICATIONS

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Attribute	Detail
Brand	GoToTags
Model Number	PCVQ32DVEY
Shape	Circle
Dimensions	30 mm x 0.6 mm
Color	White

Attribute	Detail
Material	Metal (On-Metal functionality due to ferrite layer)
Chip Type	NTAG213
User Memory	144 bytes
Ferrite Layer	Yes
Adhesive Backing	Yes
Compatibility	iPhone & Android Compatible
Item Weight	0.32 ounces (for 10-pack)

## 8. WARRANTY AND SUPPORT

For information regarding product warranty, technical support, or any inquiries not covered in this manual, please contact GoToTags directly. You can find contact information on the official GoToTags website or through your purchase platform. *Note: This product is designed for specific NFC applications. Misuse or physical damage may void any implied warranty.*

