

# IFTA DECAL SPECIFICATIONS

Issued by the  
International Fuel Tax Association, Inc.  
Effective: 2017 – 2024

The IFTA Procedures Manual, Section P320, provides in part:

## **P320 DECALS**

### **.100 Contents**

Decals will be approximately 3 inches x 3 inches (7.5 centimeters x 7.5 centimeters) with white letters and a background color as specified for the current year. The letters "IFTA" are to be a minimum of 3/4 inch (1.88 centimeters) in height and are to be incorporated into the decal with the letter I in the upper left-hand corner, the letter A in the lower right-hand corner, and the letters F and T to be incorporated in such a way as to constitute a diagonal design on the decal. The two-letter jurisdiction designation shall be displayed in the lower left-hand corner, and at least the last two numbers of the appropriate year are to be displayed in the upper right-hand corner. Decals shall be serialized. The serial number of each decal shall be no less than 3/16" high (0.47625 centimeters) and shall be displayed between the two-letter jurisdiction designation and the letter "A" of "IFTA".

The coloring of the numbering shall be compatible with the background color as determined by IFTA, Inc. There shall be no other printing on the decal unless authorized by the IFTA, Inc. Board of Trustees.

### **.200 Materials**

IFTA, Inc. shall set the standards for quality of ink, vinyl, type of font, and other pertinent standards to insure uniformity and consistency among the jurisdictions. IFTA, Inc. shall provide examples to all jurisdictions on an annual basis. Standards must be set and examples distributed by IFTA, Inc. no later than one full year prior to implementation by the jurisdictions.

---

This document contains:

- A. the required elements of the IFTA Decal Specifications bid;
- B. the recommended elements of the IFTA Decal Specifications;
- C. an example decal for the decal colors; and
- D. optional provisions of an IFTA Decal Specification bid.

## A. REQUIRED ELEMENTS

### **MATERIAL:**

Material is to be designed for use as annual decals on a smooth surface. The sheetings are to be precoated with pressure sensitive adhesive protected by a removable paper liner which, if packaged as single decals, will be scalloped or straight scored slit to facilitate removal and protection of stock from breakage. If packaged as two (2) decals per liner, the required slit to facilitate removal and protection of stock from breakage may be between the two decals on the front of the liner.

### **EFFECTIVE PERFORMANCE LIFE:**

Properly color printed and applied, the decals will perform well for an 18-month period. All transparent ink colors and printing shall be guaranteed for a period of 18 months.

### **APPLICATION:**

Pressure sensitive adhesive is convenient, vandal resistant application, using finger pressure to areas that are properly prepared, i.e., smooth, dry and clean surfaces. Selection and use are dependent on temperature conditions existing at the time of application.

### **FABRICATION:**

#### A. Color and print processing

The background color fields and IFTA logo will be processed by Offset, screen-print, flexography, rotogravure, digital, or other similar method of printing. Additionally, it is required that the decals be numbered consecutively.

#### B. Clear Coating

Decals may be clear coated with a Coating Clear U10V or R101 or equivalent, which will guarantee surface exposure to the elements for a period of 18 months. A minimum dry thickness of .0004 inches (.4mil) should be obtained.

C. Adhesive

The adhesive shall not exude from edges of the sheeting when processed into finished decals so as to cause stacked pieces to stick together during shearing, cutting, printing, handling, or packaged in shipment and distribution.

D. Appearance

Decal sets shall be free from ragged edges, crack, and blisters. Decals shall be moisture resistant.

E. Border

Decals are to have a white border approximately 1/8 inch thick.

**CLEANING:**

The surface shall be sufficiently solvent resistant to permit cleaning with solvents such as VM&P naphtha, mineral spirits, turpentine or other solvents commonly used on vehicle finishes. Rinsed and dried, the surface shall show no appreciable change following cleaning when compared to a new clean decal.

**COLOR:**

The color of the background will be as follows and specified to match Sunfast inks:

| <b>Year</b> | <b>Color</b> | <b>Pantone Number</b> |
|-------------|--------------|-----------------------|
| 2017        | Green        | 354C                  |
| 2018        | Red          | 485C                  |
| 2019        | Blue         | 299C                  |
| 2020        | Green        | 354C                  |
| 2021        | Red          | 485C                  |
| 2022        | Blue         | 299C                  |
| 2023        | Green        | 354C                  |
| 2024        | Red          | 485C                  |
| 2025        | Blue         | 299C                  |
| 2026        | Green        | 354C                  |

The color of the border will be white.

Over lamination is not acceptable. All inks used must have a minimum life of 18 months without fading, peeling, or cracking.

**COPY:**

The letters **I F T A** are to be printed in a minimum height of  $\frac{3}{4}$ " (1.88 centimeters) with the letter **I** located in the upper left hand corner, the letter **A** to be located in the lower right corner, with the letters **F, T** evenly spaced between to form a diagonal design from the upper left to lower right corner.

The letters **I F T A** are to be printed in Arial Black 72 font in the color white. The two-letter jurisdiction designation shall be displayed in the lower left-hand corner, and the last two numbers of the appropriate year are to be displayed in the upper right-hand corner. The two-letter jurisdiction designation and the last two numbers of the appropriate year are to be printed in Arial Black 36 font in the color white.

The geographical outline of the jurisdiction is optional and if used shall be centered behind the letters **I F T A** and the outline shall be white.

The consecutive number shall be located on the bottom of the decal between the two-letter jurisdiction designation and the letter A.

## B. RECOMMENDED ELEMENTS

### Reflective Material

Reflective material is recommended and not required and may have a counterfeit-deterrent mark integral in the sheeting, making unauthorized reproduction extremely difficult. The marks should be visible during daylight, but disappear by reflected light at night. The day and night color of the sheeting are similar and they will remain highly reflective when viewed at wide entrance angles\*. The sheetings may be press printed with transparent ink colors to produce the IFTA color and design combinations.

### **RECOMMENDED REFLECTIVE BRILLIANCE:**

The table below states recommended reflectivity values of reflective sheetings in terms of candlepower per foot-candle per square foot (candelas per lux per square meter) of reflective material when measured according to reflective intensity testing procedures, Paragraph 4.3.7 of Federal Specifications LS-300S. The sheetings may have a brilliance of 90% of these values when totally wet by rain. The following are recommended

|                  | <b><u>OBSERVATION ANGLES**</u></b> |     |     |            |     |     |
|------------------|------------------------------------|-----|-----|------------|-----|-----|
|                  | <b>.2°</b>                         |     |     | <b>.5°</b> |     |     |
|                  | _____                              |     |     | _____      |     |     |
| Entrance Angles* | -4°                                | 20° | 40° | -4°        | 20° | 40° |

### **ENTRANCE ANGLE \***

The angle formed by a light beam striking a surface at some point and a line perpendicular to the surface at that same point.

### **OBSERVATION ANGLE \*\***

The angle between the line formed by a light beam striking a reflective surface and the line formed by its reflected beam.

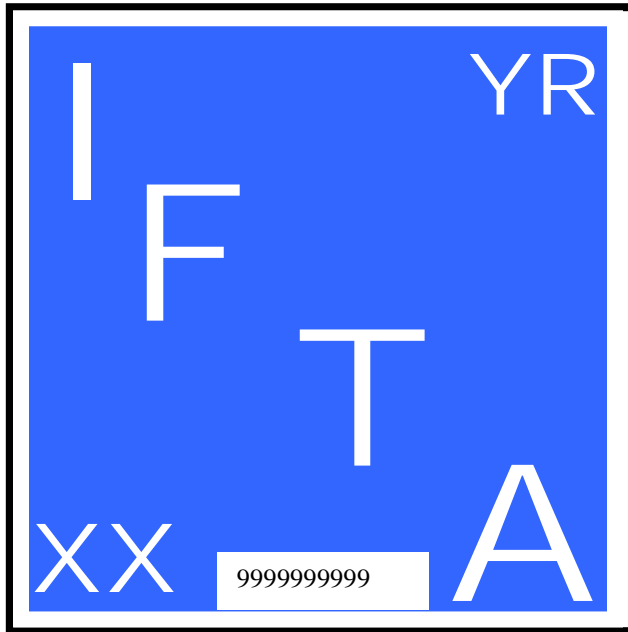
## C. EXAMPLES OF DECALS

The colors shown are not actual Pantone® numbers and is intended only as an example.

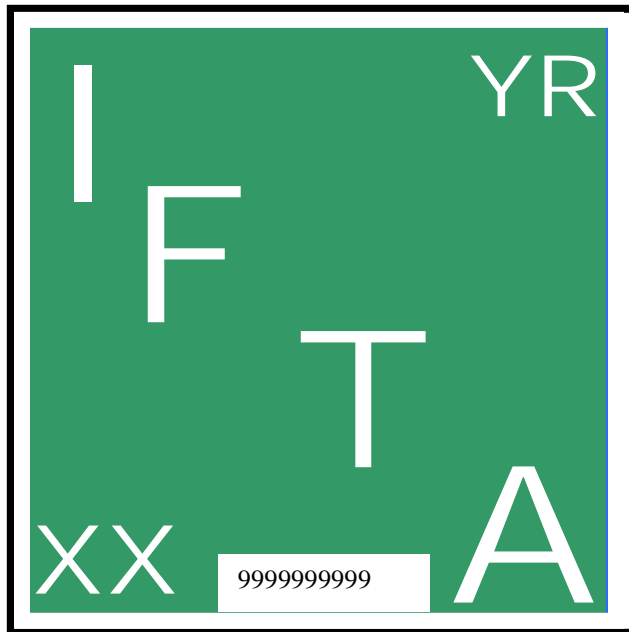
The font shown is Arial black 72.

The border has been outlined in black to more clearly indicate the required white border.

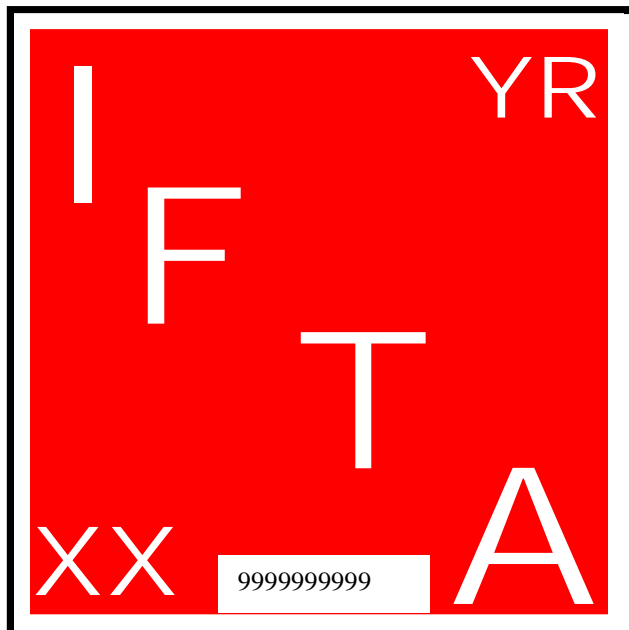
PANTONE® 299C Example:



**PANTONE® 354C Example:**



**PANTONE® 485C Example:**



## D. OPTIONAL PROVISIONS

The bidder must submit with the bid a notarized letter stating that all art work, composition, plate making, printing, numbering, coating, die cutting, slitting and packaging will be done on the vendor's premises and no portion of it will be sublet. The user will reserve the right to enter the vendor's premises at any time during the production of the decals to inspect the method of production in full compliance with all provisions of the contract.

All bidders must furnish with their bid evidence of capacity and experience for completing the job including a detailed list of all cameras, plate making equipment, presses, numbering machines, coating and drying machinery, slitting machines, die cutting machines and packaging facilities. Ten (10) completed numbered decal samples that the bidder has produced for other users as evidence of material and quality must accompany the bid. A list of five users for whom the vendor has produced decals of similar complexity and quantity must accompany the bid, as well as the name of the person that the user can contact to inquire as to their satisfaction with the vendor's product and service.

A performance bond is required.

Decals have a monetary value and the bidder must take every precaution to protect them from all hazards. Proper security measures and adequate supervision must be provided to assure that all decals printed are delivered and that only one copy of each decal will be produced. A complete description of the plant security precautions must accompany the bid.

The successful bidder must have an assigned account representative available to assist agency in coordinating all phases in the production and delivery of these decals. This representative may be required to travel to the agency's location at no additional expense for any meeting, transporting of proofs, sample test and/or additional services, which are in direct relation to the printing of these decals. Telephone and/or mail order representation will not be considered.

Inadequate facilities to comply with all of the above provisions and all specifications will constitute grounds for rejection of this bid.

Award of contract will be based on all or none.



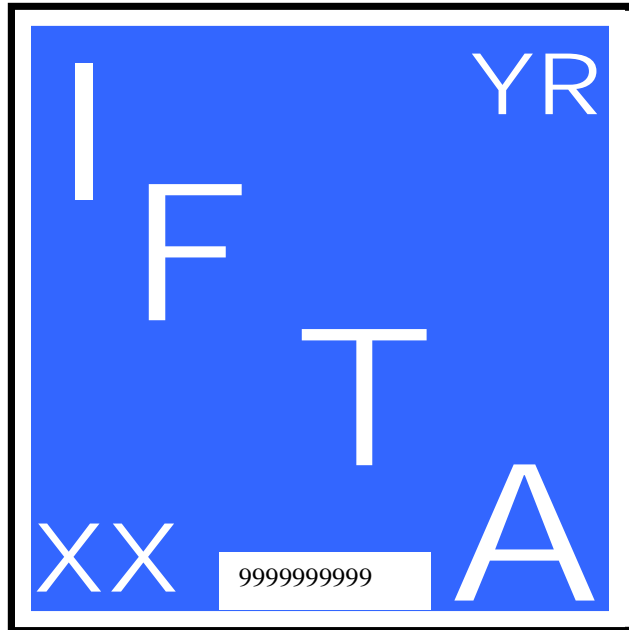
# Decal Specifications Color Rotation

## Ten (10) Year Rotating Pantone Colors and Numbers

| Year | Color | Pantone Number |
|------|-------|----------------|
| 2017 | Green | 354C           |
| 2018 | Red   | 485C           |
| 2019 | Blue  | 299C           |
| 2020 | Green | 354C           |
| 2021 | Red   | 485C           |
| 2022 | Blue  | 299C           |
| 2023 | Green | 354C           |
| 2024 | Red   | 485C           |
| 2025 | Blue  | 299C           |
| 2026 | Green | 354C           |

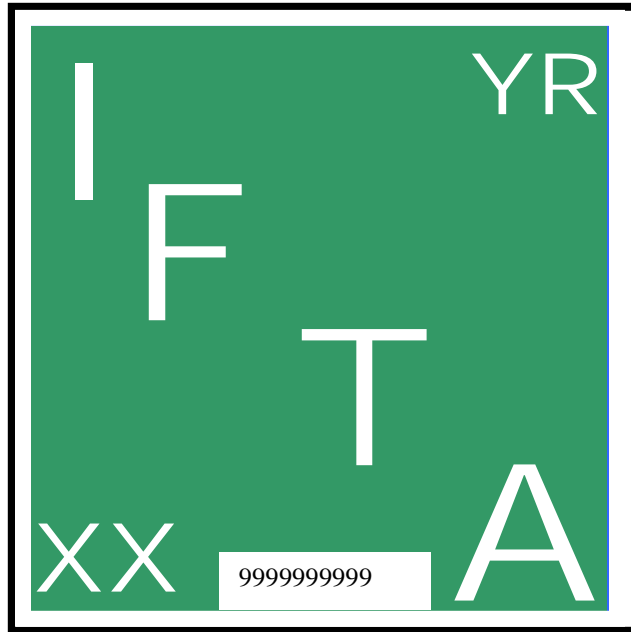
### EXAMPLES :

PANTONE® 299C Example:



# Decal Specifications Color Rotation

PANTONE® 354C Example:



PANTONE® 485C Example:

