



Product Specifications: Graphic Wraps for RFID SmartGates

CS RFID SmartGates are shipped with plain white surfaces. In most cases, this is adequate but some clients may wish to print their own graphics. The gates were intended to be used with custom graphics but care must be taken to preserve the RFID performance of the gates. The following information provides guidance in creating graphics that will not negatively affect the operation of the equipment.

Materials

The most important thing to consider is that the gates use ultra high frequency (UHF) radio frequencies to detect and read tags, therefore anything placed over them must be transparent to these frequencies. Avoid any vinyl material thicker than 0.005 inches. Laminated sheets of 0.005" Mylar with a 0.005" polyester overlay are a good option with good weather/wear resistance. For a more cost effective choice, use a single layer of 0.005" Mylar or single sided printed foam core.

Printing

Do not use any printing process that includes metal bearing light stop. Some printers also include aluminum/metals to give a brighter look that is opaque. These types of printing must not be used.

Mounting Methods

There are 3 ways to attach your graphic to the gate:

- 1)** Foam core panels adhered directly to the front of the gate using double sided tape. Be sure to use tape that is removable without damaging the gate.
- 2)** Flexible panels that extend around the front of the gate and are taped to the back. Be sure to use tape that is removable without damaging the gate.
- 3)** Flexible panels that extend around the whole gate and are joined at a seam.

Panel Size

The gates have 2 front sides that are 56" high by 14" wide. Graphics can cover some or all of this area. If you plan to make wrap around graphics, following the below guidelines to be sure to cover the thickness of the panels (1.75" each).

Single panel front: 56" high by 14" wide

Full panel front: 56" high by 28" wide

Full gate facial wrap: 55.87" high by 34" (1.25" wrap around edges)

Full gate jacket wrap: 55.87" high by 55" (2.5" overlap at back with magnets) **Recommended**



Preferred Printer

Source One Digital
Mike Hoerle

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