

## PDC Smart<sup>®</sup> SuperBand<sup>®</sup> Full Color Wristbands



PDC's most popular RFID wristband is now available with custom, full color printing that will transform every guest's wrist into a mini billboard. Add your logo, photo-quality images, trendy vector graphics, variable bar codes, and more for high-impact branding. Creative customization starts here!

[www.pdcsolutions.com](http://www.pdcsolutions.com)

# PDC Smart® SuperBand Full Color 484 RFID Wristbands

PDC Smart® SuperBand® Full Color Wristband is a non-transferable wristband with a securely sealed Radio Frequency Identification (RFID) tag inside to reliably store and transfer data. The data is accessed by RFID systems.

- **Material:** Constructed of waterproof, durable, high security plastic with a patented SecurSnap® plastic closure.
- **Minimum Order Quantity:** 3,000 wristbands / 6 boxes of 500 wristbands
- **Wristband Dimensions:** 9.75" L x 1.1875"W
- **Custom Printing:** Full color, photo quality printing. See custom imprint specifications on next page. Serial numbering available.
- **Lead Time:** Ships 4 weeks from date of artwork approval & payment terms. Lead time may vary pending RFID inlay availability.



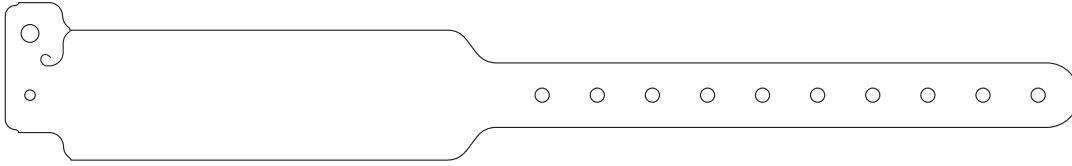
Part Number	RFID Inlay	ISO #
484PE-11-PDM-I	Tag-it HF-I	ISO 15693-3
484PM-11-PDM-I	Mifare Ultralight	ISO 14443A
484PA-11-PDM-I	Mifare 1K	ISO 14443A
484PB-11-PDM-I	Mifare Mini	ISO 14443A
484PF-11-PDM-I	Mifare Ultralight	ISO 14443A
484PU-11-PDM-I	Alien 9662	ISO 18000-6C

## PDC Smart® SuperBand® Full Color Wristband Principal Applications:

- Social Media Integration
- Cashless Payments
- Access Control & Security
- Promotional, Customer Loyalty and VIP Programs
- Keyless Entry
- Keyless Lockers

## Custom Imprint Specifications:

Let your imagination run wild with PDC's Smart® Full Color SuperBand® 484 wristbands. Don't stop with your logo. Add photos from your venue of people having fun. Choose a trendy vector graphic design that matches the look and feel of your venue. Put your tagline or new campaign slogan. Add a special offer or provide instructions. Sell advertising space to local businesses for sponsorship revenue.



- Imprint area: Band: 4.25" L x 1.1875 W  
Strap: 5.5" L x 0.625" W
- Bleeds must be a minimum of 1/16" (.0625")
- Margins must be 1/16" (.0625") from edge to any and all graphics including text, inner borders, artwork, etc.
- The absolute smallest, clearly legible, plain type size is 4 pt. in a simple font. When using plain scripts, serifed, or thin unique fonts, please set text at 6 pt. bold or above.
- See artwork specifications on back cover

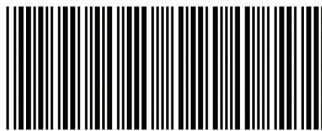


## Custom Bar Code and Variable Data Printing:

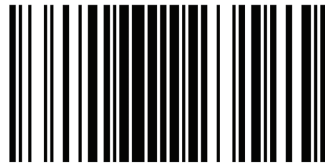
With a wide variety of bar code and variable data printing capabilities, the power of PDC's Full Color SmartBand® RFID Wristbands are (almost) limitless! Add your custom bar code or variable data for an added measure of security, or to track wristband inventory. Use a QR code or Microsoft Tag to provide your guests with a special offer, interact through social media, or drive traffic to your website.

Commonly used bar codes include:

### 1D Bar Codes



R1234567  
Code 39



R1234567  
Code 128



### 2D Bar Codes



QR Code



Aztec Code



Data Matrix



PDF 417

# Artwork Specifications:

## Full Color (CMYK, 4-color) Specifications:

- EPS or AI files are preferred
- High resolution (300-600 dpi)
- Outline all fonts in the artwork file



No tones or screens  
(gray area)



No faxed art or  
art with broken or  
weak lines



Artwork must be clean,  
black & white line art

### Preferred File Formats

Format	Extension	Description	Note
EPS	.eps	Illustrator encapsulated post script	Convert text to outlines
AI	.ai	Adobe Illustrator	Convert text to outlines
TIFF	.tif	Tagged image file format	300-600 dpi or higher
JPG	.jpg	Joint Photographic Experts Group	300-600 dpi or higher

**Note:** If artwork is not supplied in the proper format and requires additional graphic design work, you may be billed for art charges.

## No Logos / Artwork from a Website

We cannot use logos/artwork that are copied from a website as these images are low resolution and will produce a jagged, pixilated imprint with poor quality results.

## E-Mail your Artwork

You may e-mail your artwork to **artwork@pdc corp.com**. Please include your company name, order number, contact name and phone number in your e-mail message.

## Upload your Artwork Online

To upload your artwork through our website, go to **www.pdcsolutions.com/artwork**. Simply attach your artwork file.

## Artwork Archives

We are happy to keep your wristband artwork on file for future re-orders. This will save you time and money. Please note, however, that if artwork is not used within a two year period, the archive artwork will be destroyed.

# RFID Specifications:

	Texas Instruments Tag-it HF-I	Mifare Ultralight	Mifare Standard 1K	Mifare Mini	Mifare Ultralight C	UHF
Operating Frequency	13.56 MHz	13.56 MHz	13.56 MHz	13.56 MHz	13.56 MHz	860-960MHz
EEPROM Size	256 byte (2048 bit)	64 byte (512 bit)	1024 byte (8192 bit)	320 byte (2560 bit)	192 byte (1536 bit)	512 bits user memory
Memory Organization	64 blocks, 4 bytes per block	16 pages, 4 bytes per page	16 sectors, 4 blocks of 16 bytes	5 sectors, 4 blocks of 16 bytes	48 pages, 4 bytes per page	64 bit TID, 96 bit EPC, 512 user
Unique Serial Number (UID)	8 byte (64 bits)	7 byte, cascaded	4 byte (32 bit)	4 bytes (32 bit)	7 byte	8 byte (64 bit)
RF Interface	ISO 15693-3	ISO 14443A	ISO 14443A	ISO 14443A	ISO 14443A	ISO 18000-6C
Data Retention (years)	10	5	10	10	5	10
Write Endurance (cycles)	100,000	100,000	100,000	100,000	100,000	10,000
Read/Write Range	3.5" / 8.9 cm	1.5" / 3.8 cm	1.5" / 3.8 cm	1.5" / 3.8 cm	1.5" / 3.8 cm	5" / 12.7 cm

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