

PDC Smart® SuperBand® Wristbands

PDC Smart® SuperBand® is a nontransferable wristband with a securely sealed Radio Frequency Identification (RFID) tag inside to reliably store and transfer data. The data is accessed by RFID systems such as RFID Smart Readers and the PDC Smart® Kiosk.



PRINCIPLE APPLICATIONS:



Social Media
Integration



Cashless
Payments



Access Control
& Security



Promotional,
Customer Loyalty
& VIP Programs



Keyless
Entry



Keyless
Lockers

www.pdcorp.com/rfid



PDC Smart® SuperBand® 470 RFID Wristbands

Constructed of waterproof, non-stretch plastic with a patented SecurSnap® closure.

- 500 per box. Minimum order 1 box
- Ships 3 weeks from date of artwork approval & payment terms. Lead time may vary pending RFID inlay availability.

Part Number	RFID Inlay	ISO#
470PE-XX-PDM	Tag-it HF-I	ISO 15693-3
470PM-XX-PDM	Mifare Ultralight	ISO 14443A
470PA-XX-PDM	Mifare 1K	ISO 14443A
470PB-XX-PDM	Mifare Mini	ISO 14443A



Substitute XX for color:

WHITE 11	BLUE 13	YELLOW 14	RED 16	ORANGE 17	KELLY GREEN 22	LAVENDER 23
CRANBERRY 25	DAY GLOW ORANGE 29	GRAPE 33	AQUA 35	DAY GLOW PINK 37	DAY GLOW GREEN 39	CRIMSON RED 83

*Actual wristband colors may vary slightly, especially day glow colors

PDC Smart® SuperBand® 473 RFID Wristbands

Create your own unique die cut shape to maximize security and enhance your branding or theme!

Constructed of waterproof, non-stretch plastic with a patented SecurSnap® closure.

- 500 per box. Minimum order 1 box
- Custom die cut fee applies
- Ships 4-6 weeks from date of artwork approval & payment terms. Lead time may vary pending RFID inlay availability.

Part Number	RFID Inlay	ISO#
473PE-XX-PDM	Tag-it HF-I	ISO 15693-3
473PM-XX-PDM	Mifare Ultralight	ISO 14443A
473PA-XX-PDM	Mifare 1K	ISO 14443A
473PB-XX-PDM	Mifare Mini	ISO 14443A



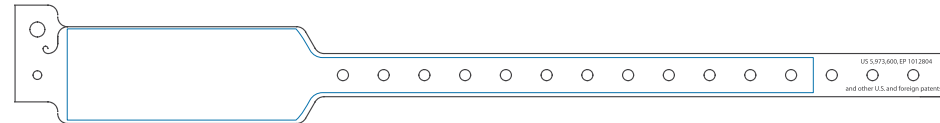
Substitute XX for color:

WHITE 11	BLUE 13	YELLOW 14	RED 16	ORANGE 17	KELLY GREEN 22	LAVENDER 23
CRANBERRY 25	DAY GLOW ORANGE 29	GRAPE 33	AQUA 35	DAY GLOW PINK 37	DAY GLOW GREEN 39	CRIMSON RED 83

*Actual wristband colors may vary slightly, especially day glow colors

Custom Imprint Specifications

Custom print your logo or message on PDC Smart® SuperBand® 470 and 473 wristbands. Include your logo, web site, phone number, and slogan to boost your brand, promote special offers, or raise awareness for special events!



Imprint Area: Band: 3.0" L x 1.125" W Strap: 6.25" L x 0.375" W

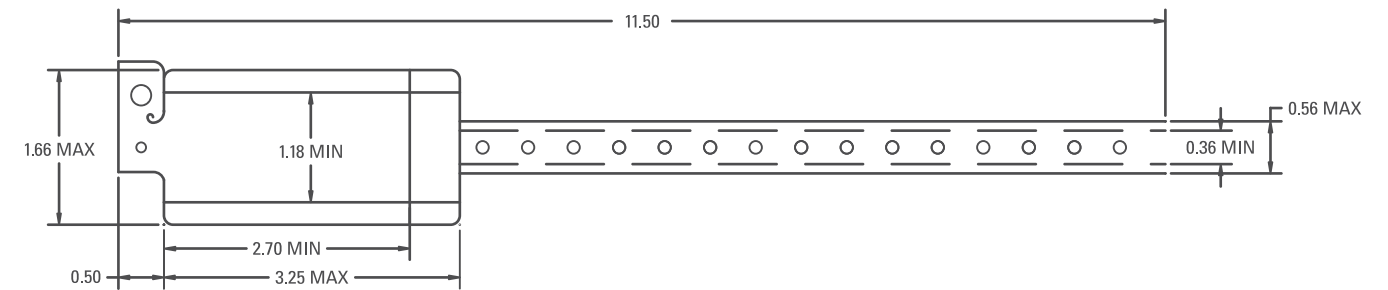
Custom print with up to 2 of the following colors:

WHITE 11	BLUE 13	YELLOW 14	RED 16	ORANGE 17	KELLY GREEN 22	LAVENDER 23
CRANBERRY 25	DAY GLOW ORANGE 29	GRAPE 33	AQUA 35	DAY GLOW PINK 37	DAY GLOW GREEN 39	CRIMSON RED 83

See artwork specifications on back cover.

Custom Shape Specifications

Design your unique PDC Smart® SuperBand® 473 wristband per the parameters below.



Front of Band Custom Serialization

470 RFID wristbands only



Manage wristband inventory, track admissions, and increase security with custom serialization. Use the following guidelines to serialize the PDC Smart® SuperBand® 470.

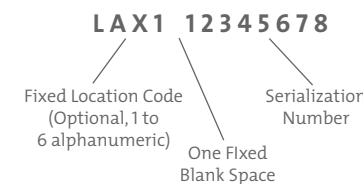
Serialization Option	Range	Max Combinations Possible	Notes
8 digit, Numeric (# # # # # # # #)	00000001 - 99999999	99,999,999	
2 digit, Alphanumeric + 6 digit Numeric (A A # # # # # #)	00000001 - ZZ999999	1,155,998,844	<ul style="list-style-type: none"> • Alphanumeric digits are capital letters and numbers ONLY. • Alphanumeric digits are 0-9 and A-Z excluding the letters "I" and "O" (34 possibilities).
6 digit, Alphanumeric (A A A A A A)	000001 - ZZZZZZ	1,544,804,415	<ul style="list-style-type: none"> • Alphanumeric digits are capital letters and numbers ONLY. • Alphanumeric digits are 0-9 and A-Z excluding the letters "I" and "O" (34 possibilities).
Tag UID Number, 8 digit max. (Hexadecimal)			<ul style="list-style-type: none"> • Alphanumeric digits are capital letters and numbers ONLY. • Optional reverse byte printing. Option 4 may only be used for 8 digit UID products such as ISO14443; NXP Mifare products.
8 digit max., Fixed Alphanumeric Lot Number (A B 3 4 5 ...)			<ul style="list-style-type: none"> • Capital letters, numbers and punctuation.
8 digit max., Serialization and/or Memory Programming from Excel table			<ul style="list-style-type: none"> • All printable Standard ASCII characters.

Back of Band Custom Serialization

470 & 473 RFID wristbands



If required, an additional 1 to 6 character alphanumeric Fixed Location Code can be added as shown below:



Serialization Option	Range	Max Combinations Possible W/O Location Code	Notes
8 digit, Numeric (# # # # # # # #)	00000001 - 99999999	99,999,999	
2 digit, Alphanumeric + 6 digit Numeric (A A # # # # # #)	00000001 - ZZ999999	1,155,998,844	<ul style="list-style-type: none"> • Alphanumeric digits are capital letters and numbers ONLY. • Alphanumeric digits are 0-9 and A-Z excluding the letters "I" and "O" (34 possibilities).
6 digit, Alphanumeric (A A A A A A)	000001 - ZZZZZZ	1,544,804,415	<ul style="list-style-type: none"> • Alphanumeric digits are capital letters and numbers ONLY. • Alphanumeric digits are 0-9 and A-Z excluding the letters "I" and "O" (34 possibilities).
Tag UID Number, 16 digit max. (Hexadecimal)			<ul style="list-style-type: none"> • Alphanumeric digits are capital letters and numbers ONLY. • Optional reverse byte printing. Option 4 may only be used for 8 digit UID products such as ISO14443; NXP Mifare products.
16 digit max., Fixed Alphanumeric Lot Number (A B 3 4 5 ...)			<ul style="list-style-type: none"> • Capital letters, numbers and punctuation.
16 digit max., Serialization from Excel table			<ul style="list-style-type: none"> • All printable Standard ASCII characters.

Artwork Specifications:

CLEAN, BLACK AND WHITE LINE ART is required. Tones and screens need to be converted to solids. Broken lines, weak lines, or smeared art cannot be imprinted. Outline all fonts in the artwork files. If artwork is not supplied in the proper format and requires additional graphic design work, you may be billed for art charges.



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

NO LOGOS / ARTWORK FROM A WEBSITE

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

UPLOAD YOUR ARTWORK ONLINE

To upload your artwork through our website, go to www.pdcorp.com/vip-artwork. Simply attach your artwork file.

E-MAIL YOUR ARTWORK

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

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
Operating Frequency	13.56 MHz	13.56 MHz	13.56 MHz	13.56 MHz
EEPROM Size	256 byte (2048 bit)	64 byte (512 bit)	1024 byte (8192 bit)	320 byte (2560 bit)
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
Unique Serial Number (UID)	8 byte (64 bit)	7 byte, cascaded	4 byte (32 bit)	4 byte (32 bit)
RF Interface	ISO 15693-3	ISO 14443A	ISO 14443A	ISO 14443A
Data Retention (years)	10	5	10	10
Write Endurance (cycles)	100,000	100,000	100,000	100,000
Read/Write Range (TYP.)	3.5" / 8.9 cm	1.5" / 3.8 cm	1.5" / 3.8 cm	1.5" / 3.8 cm



United States & Canada

13880 Del Sur Street, San Fernando, CA 91340
866.403.6526 (toll free) | **818.897.1111** ext. 1320
rfidsolutions@pdcorp.com | pdcorp.com/rfid

PDC Europe

Rue de l'Industrie 17, 1400 Nivelles, Belgium
+32 67 89 56 56 (telephone) | **+32 67 21 77 70** (fax)
info@pdc-europe.com | pdc-europe.com