



***WRISTBAND***  
***RESOURCES***

# THE POSSIBILITIES OF RFID

- ◆ Increase revenue
- ◆ Maximize profitability
- ◆ Boost speed of service
- ◆ Enhance operational efficiency
- ◆ Eliminate cash management issues
- ◆ Eradicate fraudulent entries
- ◆ Streamline operations and provided the ultimate guest experience at resorts, waterparks, concerts and other events



## WHY WRISTBAND RESOURCES?

For more than 25 years, Wristband Resources has been one of the world's leading wristband manufacturers and suppliers of wristband identification solutions and accessories for the entertainment, recreational, medical and promotional markets.

- ◆ We have a wide selection of RFID options, all customizable to fit your branding and security requirements
- ◆ Our team is here to ensure your custom RFID wristband infrastructure is effective and successful
- ◆ Our applications include but are not limited to cashless payments, electronic access, keyless doors, lockers, and much more



# TYVEK®, PLASTIC & VINYL

Tyvek®, Plastic and Vinyl wristbands are fully customizable. Add logos, tagline, variable data, photo quality images and scannable barcodes for cashless payments to these durable, waterproof wristbands.

## TYVEK®

Made from 100% DuPont™ Tyvek®, a tear, stretch, and water-resistant material that features a tamper-proof adhesive closure. Available in ¾" and 1" width bands.

## PLASTIC & VINYL

Extremely durable, stretch resistant and waterproof. Both varieties feature a one-time-use locking snap closure. Both are available in numerous sizes (widths).





# CLOTH WRISTBANDS

Made from high quality, durable material that is extremely comfortable and is the ultimate multi-day, high-security event management solution.

Cloth wristbands are fully customizable, allowing for precise photo-quality imagery. The RFID slider and locking bead closure prevents transfer and counterfeiting.

## RFID Slider

- ◆ Made from vinyl material that is durable and waterproof
- ◆ Available in any PMS color
- ◆ Accepts custom imprinting and laser etched serial numbering
- ◆ 2.4 cm W x 3.8 cm L





# SILICONE WRISTBANDS

A perfect reusable solution for access control, gym memberships, season pass programs, and much more.

Constructed of 100% silicone (latex/lead free) with embedded transponder. Comfortable to wear, waterproof and available in a vast variety of colors and style options.



# Our Products

## TYVEK®



## PLASTIC / VINYL



## CLOTH



## SILICONE



# RFID TAG SPECIFICATIONS

	NXP ICODE SL1	UHF	MIFARE 1K	MIFARE 4K	MIFAREMINI	MIFARE ULTRALIGHT	MIFARE ULTRALIGHT C
<b>OPERATING FREQUENCY</b>	13.56MHz	860-960MHz	13.56MHz	13.56MHz	13.56MHz	13.56MHz	13.56MHz
<b>EEPROM SIZE</b>	128 byte (1024bit)	512 bits user memory	1024 byte (8192 bit)	3720 byte (29760 bit)	320 byte (2560 bit)	64 byte (512 bit)	192 byte (1536 bit)
<b>MEMORY ORGANIZATION</b>	32 blocks, 4 bytes per block	64 bit TID, 96 bit EPC, 512 user	16 sectors, 4 clocks of 16 bytes	32 sectors, 4 clocks of 16 bytes 8 sectors, 16 clocks of 16 bytes	5 sectors, 4 clocks of 16 bytes	16 pages, 4 bytes per page	48 pages, 4 bytes per page
<b>UNIQUE SERIAL NUMBER (UID)</b>	8 byte (64 bit)	8 byte (64 bit)	4 byte (64 bit)	8 byte (32 bit)	4 byte (32 bit)	4 byte (32 bit)	7 byte, cascaded
<b>RF INTERFACE</b>	ISO 15693-3	ISO 15693-3	ISO 18000-6C	ISO 14443A	ISO 14443A	ISO 14443A	ISO 14443A
<b>DATA RETENTION (YEARS)</b>	10	10	10	10	10	5	5
<b>WRITE ENDURANCE (CYCLES)</b>	100.000	10.000	100.000	100.000	100.000	100.000	100.000
<b>READ / WRITE RANGE</b>	3.5" / 8.9 cm	5" / 12.7 cm	1.5" / 3.8 cm	1.5" / 3.8 cm	1.5" / 3.8 cm	1.5" / 3.8 cm	1.5" / 3.8 cm

## ARTWORK SPECIFICATIONS

### ◆ NO LOGOS/ARTWORK FROM A WEBSITE

- ◆ Provide Pantone Designations (unless 4 color process job)
- ◆ FONTS: 7 pt (1/16" height) or higher

### SPOT COLOR SPECIFICATIONS

- ◆ Clean, black and white line art is required
- ◆ Tones and screens need to be converted to solids
- ◆ Broken, weak lines, smeared or pixelated art CANNOT be imprinted

### FULL COLOR (CMYK, 4-color)

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