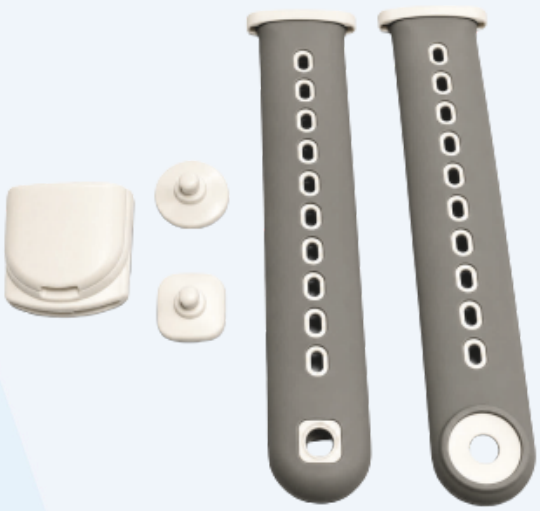
Product Specification Sheet

WNC-STRAP

Wireless Pendant STRAP for Wireless Wrist Pendant



WNC-STRAP
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The WNC-STRAP is a high-grade, medical-silicone replacement band designed specifically for wireless wrist pendants used in nurse call systems. It provides a secure, non-locking attachment method that maximizes resident comfort and hygiene while ensuring emergency call buttons remain accessible at all times.
The WNC-STRAP offers an easily attachable, non-locking wrist mount alternative for standard wireless medical transmitters. Engineered specifically for patients who require freedom of movement without the restriction of locked bands, it features a traditional buckle closure. This allows staff or independent residents to put on or remove the pendant easily without a specialized key, making it ideal for assisted living, outpatient recovery, and residential care settings.

Specifications

- **Material Composition:** Medical-grade, UV-stable silicone elastomer
- **Closure Type:** Non-locking plastic or composite pin buckle
- **Total Length:** 9.5 inches (Adjustable)
- **Wrist Size Compatibility:** Accommodates circumferences from 5.0” to 8.5”
- **Thickness:** 2.5 mm
- **Weight:** 12 grams (Approximate)
- **Waterproof Rating:** Inherently impervious (Maintains underlying device IP67/IP68 rating)
- **Compatibility:** Standard WNC-WP series wrist transmitters and matching form factors

Equipment Options

- Bulk Packaging: Available in packs of 10, 25, or 50 units for rapid facility-wide deployment.
- Color Variations: Standard clinical white/gray; optional colored variants available for facility zoning or high-visibility needs.
- Sizing Adjustments: Standard universal length with tight-interval sizing holes to snugly fit small, medium, and large wrist diameters.

Architects' and Engineers' Specifications

The mounting accessory for the wireless wrist transmitter shall be the model WNC-STRAP non-locking wrist band.

1. Material and Hygiene: The wrist band shall be constructed from medical-grade silicone that includes embedded antimicrobial properties to withstand a continuous clinical disinfection regimen. It must be non-porous and hypoallergenic.

2. Security and Accessibility: The band shall utilize a secure, adjustable non-locking clasp mechanism, allowing for immediate tool-free attachment and removal by authorized personnel or residents.

3. Physical Integrity: The material shall not degrade, discolor, or become brittle when exposed to standard commercial sanitizing agents, moisture, or prolonged UV light exposure.

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Features

- **Non-Locking Design:** Traditional pin-and-buckle mechanism allows for fast removal by either staff or residents during cleanings or therapy.
- **Antimicrobial Construction:** Infused with silver-ion antimicrobial agents to inhibit bacterial growth and prevent odors.
- **Biocompatible Material:** Hypoallergenic formulation reduces skin irritation, sweating, and pressure marks over extended wear.
- **Toolless Integration:** Designed to slide directly into the pins or channels of compatible wireless wrist pendants without tools.
- **Flexible Elasticity:** Offers subtle structural stretch to absorb tension, preventing the band from snapping if caught on clothing or linen.
- **Chemical Resistance:** Fully impervious to isopropyl alcohol, chlorine bleach solutions, and specialized clinical disinfectant wipes.

Compliance and Certification

Because the WNC-STRAP is a passive, mechanical mounting accessory rather than an active electronic transmitter, it does not carry independent radio frequency certification. However, it is fabricated to comply with peripheral safety standards:

- **RoHS Compliant:** Free of lead, mercury, cadmium, hexavalent chromium, and polybrominated biphenyls (PBB/PBDE).
- **FDA Grade Component:** Materials utilized are compliant with FDA regulations for prolonged skin contact.
- **UL 1069 Accessory Match:** Material meets the flame-retardant and thermal stability requirements outlined for accessories paired with UL 1069 Hospital Signaling equipment.

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