

# Ambu® WhiteSensor WS

ECG Electrode - Single use



## Key Benefits

- Conductive solid gel
- Strong adhesion
- Flexible foam backing

## Ambu® WhiteSensor WS

The Ambu WhiteSensor WS features a conductive solid gel with strong adhesion to ensure a good signal quality during short-term ECG monitoring applications.

Thanks to the flexible foam backing material, the electrode ensures ease of use and comfort during application.



Solid gel



Foam backing

WhiteSensor

# Specifications

| Dimensions                                         |                                  |
|----------------------------------------------------|----------------------------------|
| Electrode size (length x width in mm)              | 36 x 40                          |
| Skin contact size (mm)                             | 36 x 40                          |
| Adhesive area (in mm²)                             | 857                              |
| Height excluding connector (in mm)                 | 1                                |
| Sensor                                             |                                  |
| Sensor material                                    | Silver/silver chloride (Ag/AgCl) |
| Gel system                                         | Solid gel                        |
| Sensor area (in mm²)                               | 79                               |
| Gel area/measuring area (in mm²)                   | 201                              |
| Electrical data (ANSI/AAMI)                        |                                  |
| AC impedance - typical                             | 150 Ω                            |
| DC offset voltage - typical                        | 1.0 mV                           |
| Defibrillation overload recovery - typical         | 12 mV                            |
| Rate of change of polarization potential - typical | 0.3 mV/s                         |
| Combined offset instability and internal noise     | 9 µV                             |
| Bias current tolerance (over 8 hours)              | 5 mV                             |

| Environment                                  |            |
|----------------------------------------------|------------|
| PVC-free electrode                           | Yes        |
| Electrode not made with natural rubber latex | Yes        |
| PVC-free packaging                           | Yes        |
| X-Ray & MRI                                  |            |
| Radiolucent                                  | No         |
| MR Conditional                               | No         |
| Shelf life                                   |            |
| Opened pouches                               | 1 month    |
| Unopened pouches                             | 30 months* |

\*from date of production

## Materials

| Electrode                         |                                  |
|-----------------------------------|----------------------------------|
| Bio-compatible                    | Yes                              |
| Sensor                            | Silver/Silver chloride (Ag/AgCl) |
| Outer carrier                     | Polyethylene foam (PE)           |
| Outer adhesive                    | Polyacrylate                     |
| Connector (stud)                  | Stainless steel                  |
| Liner                             | Siliconized polyester film       |
| Packaging                         |                                  |
| Pouch (outer/middle/inner layers) | Polyester/Aluminum/Polythene     |
| Boxes                             | Corrugated cardboard             |

| Option          |   |
|-----------------|---|
| Connectors      | S |
| Precaution      |   |
| Single use only |   |

## Available configurations\*

| Reference number | Units/card | Units/pouch | Units/inner box | Units/outer box |
|------------------|------------|-------------|-----------------|-----------------|
| WS-00-S/50       | 1          | 50          | 600             | 7200            |
| WS-00-S/L5/50    | 5          | 50          | 600             | 7200            |
| WS-00-S/3        | 3          | 3           | 600             | 3600            |
| WS-00-S/4        | 4          | 4           | 600             | 3600            |
| WS-00-S/5        | 5          | 5           | 600             | 3600            |
| WS-00-S/10       | 5          | 10          | 600             | 3600            |
| WS-00-S/30       | 1          | 30          | 600             | 7200            |

■ Product  
■ Wire length  
■ Connector

\*some configurations may not be available worldwide

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