

# Ambu® WhiteSensor 4841P

ECG Electrode - Single use



## Key Benefits

- Bio-Tack™ sticky gel
- Comfortable foam backing
- Ergonomic leaf shape
- Radiolucent
- MR Conditional

## Ambu® WhiteSensor 4841P

Adult short term foam monitoring electrode with Bio-tack™ sticky gel. The electrode is made in the leaf shape and is conveniently presented with 3 pcs to a strip. Thanks to the

flexible foam backing material and the ergonomic shape, the electrode ensures ease of use and comfort during application. It is radiolucent and MR Conditional.



Solid gel



Foam backing



Radiolucent



MR Conditional

WhiteSensor

## Specifications

| Dimensions                                                            |                                   |
|-----------------------------------------------------------------------|-----------------------------------|
| Electrode size (length x width in mm)                                 | 42 x 42                           |
| Skin contact size (length x width in mm)                              | 1624                              |
| Adhesive area (in mm²)                                                | 1558                              |
| Height excluding connector (in mm)                                    | 1.0                               |
| Sensor                                                                |                                   |
| Sensor material                                                       | Silver, silver chloride (Ag/AgCl) |
| Gel system                                                            | Chloride based, solid gel         |
| Gel area (in mm²)                                                     | 189                               |
| Sensor area (in mm²)                                                  | 77                                |
| Electrical data (ANSI/AAMI)                                           |                                   |
| AC impedance - typical                                                | 82 Ω                              |
| DC offset potential - typical                                         | 0.24 mV                           |
| Defibrillation overload recovery - typical                            | 8.5 mV                            |
| Rate of change for polarisation potential - typical                   | 0.18 mV/s                         |
| Combined offset instability and internal noise                        | 7.8 µV                            |
| Bias current tolerance (over 4 hours for tabs and 24 hours for slots) | 1.92 mV                           |

| Environment                                  |             |
|----------------------------------------------|-------------|
| PVC-free electrode                           | Yes         |
| Electrode not made with natural rubber latex |             |
| PVC-free packaging                           | Yes         |
| X-Ray & MRI                                  |             |
| Radiolucent                                  | Yes*        |
| MR Conditional                               | Yes***      |
| Shelf life                                   |             |
| Opened pouch                                 | 1 month     |
| Sealed pouch                                 | 24 months** |

\*\* from date of production

| Accessories |            |
|-------------|------------|
| Skin Preps  | Ref: 2121M |

## Materials

| Electrode                 |                                   |
|---------------------------|-----------------------------------|
| Bio-compatible            | Yes                               |
| Sensor                    | Silver, Silver Chloride (Ag/AgCl) |
| Backing material          | Polyethylene foam (PE)            |
| Backing material adhesive | Acrylic                           |
| Connector (stud etc.)     | Conducting graphite, snap type    |
| Upper substrate           | -                                 |
| Release liner             | Siliconised HDPE                  |

| Packaging                         |                                                 |
|-----------------------------------|-------------------------------------------------|
| Pouch (outer/middle/inner layers) | Polyethylene (PE)/aluminium(Al)/polyester (PET) |
| Inner carton                      | Printed corrugated cardboard                    |
| Shipping carton                   | Printed corrugated cardboard                    |
| Standard Packaging                |                                                 |
| Quantity/liner                    | 3                                               |
| Quantity/pouch                    | 30                                              |
| Inner carton                      | 300                                             |
| Shipping carton                   | 3000                                            |
| Minimum sales                     | 3000                                            |
| Precaution                        |                                                 |
| Single use only                   |                                                 |

## Available configurations

| Quantity/pouch | 30                           |
|----------------|------------------------------|
|                | Quantity per inner/outer box |
| 4841P          | 300/3000                     |

\* Overlay materials of the 4841P with graphite snap may cast shadows in radiographs with intensities greater than 50 KV.

\*\*\* Static magnetic field of 1.5 Tesla and 3 Tesla only. Maximum spatial gradient field of 10.000 Gauss/cm or 100 Tesla/m. Maximum whole body averaged specific absorption rate (SAR) of 2 W/kg for 15 minutes of scanning.