

# Ambu® BlueSensor L

ECG Electrode - Single use



## Key Benefits

- Highly conductive wet gel
- Combination of instant and long-term adhesives
- Breathable microporous material
- Unique offset connector
- High-quality Ag/AgCl sensor

## Ambu® BlueSensor L

The large Ambu BlueSensor L features highly conductive wet gel, offset connector and a combination of instant and long-term adhesives for excellent contact and stable signals throughout the monitoring period.

Thanks to the low-profile microporous material, skin is able to breathe so the electrode remains comfortable to wear over long periods.



Wet gel



Microporous  
backing

**BlueSensor**

**Ambu**   
Ideas that work for life

## Specifications

| Dimensions                                     |                        |
|------------------------------------------------|------------------------|
| Electrode size (L x W in mm)                   | 68.2 x 55              |
| Skin contact size (L x W in mm)                | 55                     |
| Adhesive area (in mm <sup>2</sup> )            | 2121                   |
| Height excluding connector/wire (in mm)        | 1                      |
| Sensor                                         |                        |
| Sensor material                                | Silver/silver chloride |
| Gel system                                     | Wet gel                |
| Sensor area (in mm <sup>2</sup> )              | 15.8                   |
| Gel area/measuring area (in mm <sup>2</sup> )  | 254                    |
| Electrical data (ANSI/AAMI)                    |                        |
| AC impedance - typical                         | 650 Ω                  |
| DC offset voltage - typical                    | 0.6 mV                 |
| Defibrillation overload recovery - typical     | 10.4 mV                |
| Rate of change of polarization potential       | 0.2 mV/s               |
| Combined offset instability and internal noise | <15 µV                 |
| Bias current tolerance (over 8 hours)          | <10 mV                 |

| Environment                                  |           |
|----------------------------------------------|-----------|
| PVC-free electrode                           | No        |
| Electrode not made with natural rubber latex |           |
| Wire not made with natural rubber latex      |           |
| PVC-free packaging                           | Yes       |
| X-Ray & MRI                                  |           |
| Radiolucent                                  | No        |
| MR Conditional                               | No        |
| Shelf life                                   |           |
| Opened pouches                               | 1 month   |
| Unopened pouches*                            | 24 months |

\*from date of production

## Connectors



S = Stud



A = 4 mm fitting

## Materials

| Electrode               |                                      |
|-------------------------|--------------------------------------|
| Bio-compatible          | Yes                                  |
| Sensor                  | Silver/silver chloride (Ag/AgCl)     |
| Sponge                  | Polyurethane foam (PUR)              |
| Outer carrier           | Microporous tape (non-woven rayon)   |
| Outer adhesive          | Acrylate                             |
| Inner carrier (if any)  | Polyvinyl chloride film (PVC)        |
| Inner adhesive (if any) | Acrylate                             |
| Upper part              | Polyvinyl chloride film (PVC)        |
| Fitting                 | Polypropylene (PP)                   |
| Connector (stud)        | Nickel-plated brass                  |
| Liner                   | Polyester/polyethylene film (PET/PE) |

| Packaging             |                   |
|-----------------------|-------------------|
| Pouches, inner layer  | Polyethylene (PE) |
| Pouches, centre layer | Aluminium (Al)    |
| Pouches, outer layer  | Polyester (PET)   |
| Boxes                 | Cardboard         |
| Standard Packaging    |                   |
| Quantity/liner        | 1                 |
| Quantity/pouch        | 5, 25             |
| Quantity/box          | 500/1000          |
| Minimum sales         | 1000              |

| Options         |      |
|-----------------|------|
| Connectors      | S, A |
| Precaution      |      |
| Single use only |      |

## Available configurations\*

| Quantity/pouch | 5                            | 25       |
|----------------|------------------------------|----------|
|                | Quantity per inner/outer box |          |
| L-00-S         | 500/1000                     | 500/1000 |
| L-00-A         |                              | 500/1000 |

- Product
- Wire length
- Connector

\*some configurations may not be available worldwide