

## DATASHEET

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

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

### Key benefits

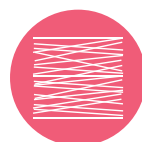
- Offset connector mitigates the impact on signal quality from external forces like pulling of lead wires and pressure on electrodes
- Offset connector allows the user to connect and disconnect the lead wire without applying pressure to the patient or the sensor area, which reduces the risk of gel spreading and adhesive detachment from skin
- Conductive wet gel lowers skin impedance effectively and immediately
- Wet gel optimizes contact between skin and electrode
- Combination of fast and long-term adhesives secures fixation and a stable signal
- Thin microporous backing material allows the skin to breathe
- Ag/AgCl sensor ensures stable signal quality
- Visible release liner can help prevent medical accidents for both users and patients

## Ambu® BlueSensor L

ECG Electrode  
Single use



Wet gel



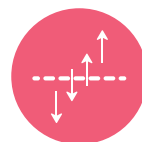
Microporous  
backing



Double ring  
adhesive



Silver  
sensor



Breathable  
backing

BlueSensor

Ambu

## SPECIFICATIONS

### Dimensions

Electrode size (length x width in mm)	68 x 55
Skin contact size (diameter in mm)	55
Adhesive area (in mm <sup>2</sup> )	2121

### Sensor

Sensor material	Silver/silver chloride (Ag/AgCl)
Gel system	Wet gel
Gel area/measuring area (in mm <sup>2</sup> )	254

### Electrical data (ANSI/AAMI)

AC impedance - typical	550 Ω
DC offset voltage - typical	3.1 mV
Defibrillation overload recovery - typical	8.7 mV
Rate of change of polarization potential	-0.17 mV/s
Combined offset instability and internal noise	2.6 µV
Bias current tolerance (over 8 hours)	4.1 mV

## MATERIALS

### Electrode

Bio-compatible	Yes
Sponge	Polyurethane foam (PUR)
Backing material	Microporous tape (non-woven rayon)
Skin adhesive	Acrylate
Inner carrier	Polyvinyl chloride film (PVC)
Upper part	Polyvinyl chloride film (PVC)
Fitting	Polypropylene (PP)
Connector (stud)	Nickel-plated brass
Release liner	Polyester/polyethylene film (PET/PE)

## AVAILABLE CONFIGURATIONS\*

Reference number	Units/liner	Units/pouch	Units/inner box	Units/outer box
L-00-S/5	1	5	500	1000
L-00-A/25	1	5	500	1000
L-00-S/25	1	25	500	1000

L-00-S ■ Product ■ Wire length ■ Connector

\*some configurations may not be available worldwide

## CONNECTORS



S = Stud



A = 4 mm fitting

## FEATURES



Printed release liner

### Environment

Electrode is not made with natural rubber latex

Packaging is PVC-free

### X-ray & MRI

Radiolucent	No
MR Conditional	No

### Shelf life

Opened pouches	1 month
Unopened pouches *	24 months

\*from date of production

### Packaging

Pouch (outer/middle/inner layers)	Polyester/ Aluminium/ Polyethylene
Boxes	Cardboard

### Options

Non-wired connectors S, A

### Precaution

Single use only

# Ambu

### Ambu A/S

Baltorpbakken 13  
2750 Ballerup  
Denmark  
T +45 72 25 20 00  
ambu.com

CE US: Rx only