

# 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