

# Ambu® BlueSensor™ VLC

## ECG Electrode – Single-use

### DATASHEET

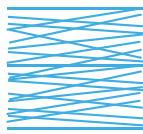
The very large Ambu BlueSensor VLC features highly conductive wet gel and a combination of instant and long-term adhesives for excellent contact and stable signals throughout the monitoring period.

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

To avoid reactions on sensitive skin, a special soft sponge is used in the gel area.



Wet gel



Microporous backing

## BlueSensor



### KEY BENEFITS

Highly conductive wet gel

Combination of instant and long-term adhesives

Breathable microporous material

Special soft sponge

Unique offset connector

High-quality Ag/AgCl sensor

# Ambu

## SPECIFICATIONS

### Dimensions

Electrode size (max. L x W or diameter in mm)	72 x 68
Skin contact size (max. L x W or diameter in mm)	68
Adhesive area (in mm <sup>2</sup> )	3377
Height excluding connector/wire (in mm)	1

### Sensor

Sensor material	Silver/silver chloride (Ag/AgCl)
Gel system	Wet gel
Sensor area (in mm <sup>2</sup> )	20.8/22.4
Gel area/measuring area (in mm <sup>2</sup> )	254

### Electrical data (ANSI/AAMI)

AC impedance - typical	500 Ω
DC offset voltage - typical	0.2 mV
Defibrillation overload recovery - typical	7.4 mV
Rate of change of polarization potential - typical	0.2 mV/s
Combined offset instability and internal noise	<15 μV
Bias current tolerance (over 8 hours)	<5 mV
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### Environment

PVC-free electrode	No
Electrode not made with natural rubber latex	
PVC-free lead wire	No
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*	12 months

\*from date of production

## MATERIALS

### Electrode

Bio-compatible	Yes
Sensor	Silver/silver chloride (Ag/AgCl)
Sponge	Polyurethane foam/microporous (non woven rayon)
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
Connector (stud)	Nickel-plated brass
Liner	Polyester/polyethylene film (PET/PE)

### Packaging

Pouches, inner layer	Polyethylene (PE)
Pouches, center layer	Aluminium (Al)
Pouches, outer layer	Polyester (PET)
Boxes	Cardboard

### Standard Packaging

Quantity/liner	1
Quantity/pouch	4, 10, 25
Quantity/box	500/1000
Minimum sales	4, 10, 25

### Options

Connectors	S
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### Precaution

Single-use only	
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S = Stud connector

## AVAILABLE CONFIGURATIONS\*

Quantity/pouch	4	10	25
VLC-00-S	Quantity per inner/outer box		
	500/1000	500/1000	500/1000

\*some configurations may not be available worldwide

VLC-00-S	<ul style="list-style-type: none"> <li>■ Product</li> <li>■ Wire length</li> <li>■ Connector</li> </ul>
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Questions? Contact your Ambu representative at **800-262-8462** or visit **ambuUSA.com**

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