

Ambu® BlueSensor™ L

ECG Electrode – Single-use



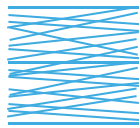
DATASHEET

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

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

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 ²)	2121
Height excluding connector/wire (in mm)	1

Sensor

Sensor material	Silver/silver chloride
Gel system	Wet gel
Sensor area (in mm ²)	20.8
Gel area/measuring area (in mm ²)	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	0.2 mV/s
Combined offset instability and internal noise	<15 μV
Bias current tolerance (over 8 hours)	<5 mV

Environment

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

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
Lead wire core	-
Lead wire insulation	-
Lead wire connector	-
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	5, 25
Quantity/box	500/1000
Minimum sales	5, 25

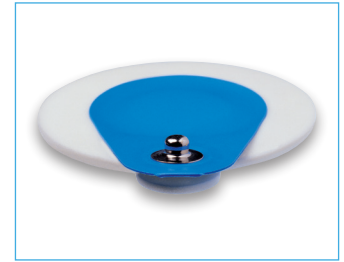
Options

Connectors	S
Pre-wired	-
Pre-wired connectors	-

Precaution

Single-use only	
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CONNECTORS



S = Stud

AVAILABLE CONFIGURATIONS*

Product	5	25	
	Quantity per inner/outer box		
L-00-S	500/1000	500/1000	■ Product ■ Wire length ■ Connector

*some configurations may not be available worldwide

Questions? Contact your Ambu representative at **800-262-8462** or visit **ambuUSA.com**

Ambu FOREVER FORWARD

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