

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 optimises 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 ²)	2121

Sensor

Sensor material	Silver/silver chloride (Ag/AgCl)
Gel system	Wet gel
Gel area/measuring area (in mm ²)	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 polarisation 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

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