

# Ambu<sup>®</sup> Blue Sensor L



The large Ambu Blue Sensor L 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.

#### KEY FEATURES

- Highly conductive wet gel
- Combination of instant and long-term adhesives
- Breathable microporous material
- Unique offset concept
- High-quality Ag/AgCl sensor

#### DIMENSIONS:

Electrode size (max. L x W or diameter in mm)	68.2 x 55
Skin contact size (max. L x W or diameter in mm)	55
Adhesive area (in mm <sup>2</sup> )	2121
Height excluding connector/wire (in mm)	1

#### 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

#### SENSOR:

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

#### X-RAY & MRI:

X-ray-translucent	no
MRI-safe	no

#### LIFETIME:

Recommended application time (max.)	48 hours
In opened pouches	1 month
Unopened pouches*	24 months

\*from date of production

### Connectors:



S = Stud



A = 4 mm fitting

### ENVIRONMENT:

PVC-free electrode	no
Latex-free electrode	yes
PVC-free lead wire	-
Latex-free lead wire	-
PVC-free packaging	yes

### STANDARD PACKAGING:

Quantity/liner	1
Quantity/pouch	5, 25
Quantity/box	500/1000
Minimum sales	1000

### OPTIONS:

Connectors	S, A
Pre-wired	-
Pre-wired connectors	-

### AVAILABLE CONFIGURATIONS \*:

Quantity/pouch	5	25
L-00-S	Qty per inner/outer box	
L-00-S	500/1000	500/1000
L-00-A		500/1000

\* Some configurations may not be available worldwide.

### MATERIALS - ELECTRODE:

Bio-compatible	yes
Sensor	Silver/silver chloride (Ag/AgCl)
Sponge	Polyurethane foam
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
Lead-wire core	-
Lead-wire insulation	-
Lead-wire connector	-
Liner	Polyester/polyethylene film (PE/PET)

### MATERIALS - PACKAGING:

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

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