

# Ambu® BlueSensor™ R

## ECG Electrode – Single-Use



### DATASHEET

The large Ambu BlueSensor R features highly conductive wet gel, offset connector, superior adhesion, and a large measuring area to ensure an optimal signal during stress tests and monitoring applications.

Thanks to the comfortable foam backing, the electrode is easy to use and gentle to the skin.



Wet gel



Foam backing

## BlueSensor

### KEY BENEFITS

Highly conductive wet gel

Superior adhesion

Comfortable foam backing

Large measuring area

Unique offset connector

High-quality Ag/AgCl sensor

# Ambu

## SPECIFICATIONS

### Dimensions

Electrode size (max. L x W or diameter in mm)	57 x 48
Skin contact size (max. L x W or diameter in mm)	48
Adhesive area (in mm <sup>2</sup> )	1555
Height excluding connector/wire (in mm)	2

### Sensor

Sensor material	Silver/silver chloride (Ag/AgCl)
Gel system	Wet gel
Sensor area (in mm <sup>2</sup> )	20,5
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	10.3 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

### 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	Polyvinyl chloride foam (PVC)
Outer adhesive	Acrylate
Inner carrier (if any)	-
Inner adhesive (if any)	-
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	3, 4, 5, 7, 10, 25
Quantity/box	252/504, 504/1008, 500/1000
Minimum sales	3, 4, 5, 7, 10, 25

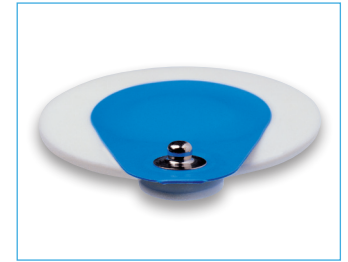
### Options

Connectors	S
Pre-wired	-
Pre-wired connectors	-

### Precaution

Single-use only

## CONNECTORS



S = Stud

## AVAILABLE CONFIGURATIONS\*

Product	3	4	5	7	10	25	
	Quantity per inner/outer box						R-00-S
R-00-S	252/504	500/1000	500/1000	504/1008	500/1000	500/1000	<ul style="list-style-type: none"> <li>■ Product</li> <li>■ Wire length</li> <li>■ Connector</li> </ul>

\*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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