

# Ambu® BlueSensor R

ECG Electrode - Single use



## Key Benefits

- Highly conductive wet gel
- Superior adhesion
- Comfortable foam backing
- Large measuring area
- Unique offset connector
- High-quality Ag/AgCl sensor

## Ambu® BlueSensor R

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**

**Ambu**   
Ideas that work for life

## 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

## 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)

## Available configurations\*

Reference Numbers	Connector type	Pcs/liner	Units/pack
R-00-S/10	Snap	1	10
R-00-S/25	Snap	1	25
R-00-S/3	Snap	1	3
R-00-S/4	Snap	1	4
R-00-S/5	Snap	1	5
R-00-S/7	Snap	1	7

\*some configurations may not be available worldwide

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## Connectors



S = Stud

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

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
Options	
Connectors	S
Precaution	
Single use only	