DATASHEET

The extra large Ambu BlueSensor R features a conductive wet get, offset connector and a Ag/AgCl sensor that ensures stable signal quality.

The electrode is suitable for short-term application and is gentle to the skin.

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 optimizes contact between skin and electrode
- Adhesive is gentle to the skin and suitable for short-term application
- Ag/AgCl sensor ensures stable signal quality
- Visible release liner can help prevent medical accidents for both users and patients

Ambu® BlueSensor R

ECG Electrode Single use





Wet gel



Foam backing



sensor





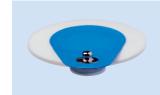
SPECIFICATIONS

Dimensions	
Electrode size (length x width in mm)	57 x 48
Skin contact size (diameter in mm)	48
Adhesive area (in mm²)	1555
Sensor	
Sensor material	Silver/silver chloride (Ag/AgCl)
Gel system	Wet gel
Gel area/measuring area (in mm²)	254
Electrical data (ANSI/AAMI)	
AC impedance - typical	360 Ω
DC offset voltage - typical	0.38 mV
Defibrillation overload recovery - typical	10.47 mV
Rate of change of polarization potential - typical	-0.17 mV/s
Combined offset instability and internal noise	1.9 μV
Bias current tolerance (over 8 hours)	4.1mV

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

CONNECTORS



S = Stud



A = 4 mm fitting

MATERIALS

Electrode	
Bio-compatible	Yes
Sponge	Polyurethane foam (PUR)
Backing material	Polyvinyl chloride foam (PVC)
Skin adhesive	Acrylate
Upper part	Polyvinyl chloride film (PVC)
A connector fitting	Polypropylene (PP)
S connector (stud)	Stainless steel
Release liner	Polyethylene film (PE)/Amorphous Polyethylene Terephthalate (APET)

Packaging	
Pouch (outer/middle/inner layers)	Polyester/ Aluminium/ Polyethylene
Boxes	Cardboard
Options	
Non-wired connectors	S, A
Precaution	
Single use only	

Printed release liner

FEATURES



AVAILABLE CONFIGURATIONS*

Reference number	Units/liner	Units/pouch	Units/inner box Units/outer	box
R-00-S/3	1	3	252 504	
R-00-S/4	1	4	500 1000	
R-00-S/5	1	5	500 1000	
R-00-S/7	1	7	504 1008	
R-00-S/10	1	10	500 1000	
R-00-A/25	1	25	500 1000	
R-00-S/25	1	25	500 1000	

R-00-S ■ Product

*some configurations may not be available worldwide

■ Wire length

■ Connector



M Ambu A/S

Baltorpbakken 13 2750 Ballerup Denmark T +45 72 25 20 00 ambu.com

