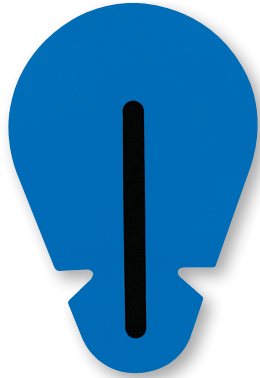


# Ambu<sup>®</sup> BlueSensor SU

ECG Electrode - Single use



## Key Benefits

- Highly conductive wet gel
- Superior quick adhesion
- Unique offset connector - fitting or tab
- Occlusive backing material
- High-quality Ag/AgCl sensor

## Ambu<sup>®</sup> BlueSensor SU

The medium-size Ambu BlueSensor SU is the world's first tab electrode featuring a wet gel. The combination of wet gel and superior quick adhesion provides optimal signal quality during 12-lead diagnostic resting applications.

Ten SU electrodes are packed on a single liner so there is no need to peel off individual backing material. Thanks to the special occlusive backing material, the electrode is resistant to liquids.



Wet gel



Polymer backing material

**BlueSensor**

**Ambu**  
Ideas that work for life

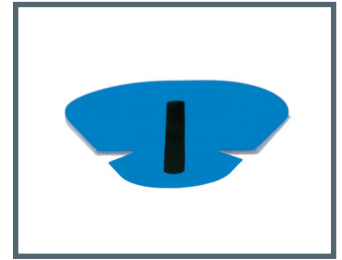
## Specifications

Dimensions	
Electrode size (max. L x W or diameter in mm)	49 x 33
Skin contact size (max. L x W or diameter in mm)	34 x 33
Adhesive area (in mm <sup>2</sup> )	772
Height excluding connector/wire (in mm)	1.2
Sensor	
Sensor material	Silver/silver chloride (Ag/AgCl)
Gel system	Wet gel
Sensor area (in mm <sup>2</sup> )	50
Gel area (in mm <sup>2</sup> )	154
Electrical data (ANSI/AAMI)	
AC impedance - typical	650 Ω
DC offset voltage - typical	0.2 mV
Defibrillation overload recovery - typical	9.9 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)	<10 mV

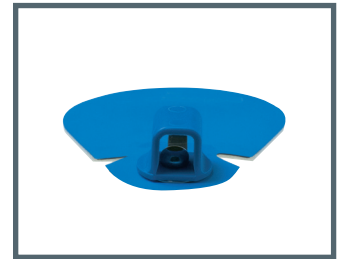
Environment	
PVC-free electrode	Yes
Electrode not made with natural rubber latex	
PVC-free lead wire	-
Wire not made with natural rubber latex	
PVC-free packaging	Yes
X-Ray & MRI	
Radiolucent	No
MR Conditional	No
Shelf life	
Opened pouches	1 month
Unopened pouches*	24 months

\*from date of production

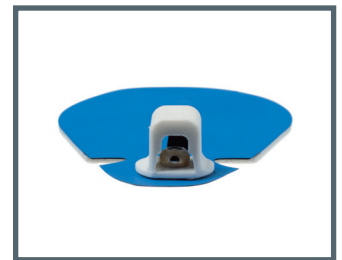
## Connectors



C = Clip



A = 4 mm fitting



F = 3 mm fitting

## Materials

Electrode	
Bio-compatible	Yes
Sensor	Silver/silver chloride (Ag/AgCl)
Sponge	Polyurethane foam (PUR)
Outer carrier	Polyethylene foam (PE)
Outer adhesive	Acrylate
Inner carrier (if any)	-
Inner adhesive (if any)	-
Upper part	Polyester film (PET)
Fitting	Polypropylene (PP)
Connector (stud)	Nickel-plated brass
Lead wire core	-
Lead wire insulation	-
Lead wire connector	-
Liner	Siliconized polyester film

Packaging	
Pouches, inner layer	Polyethylene (PE)
Pouches, centre layer	Aluminium (Al)
Pouches, outer layer	Polyester (PET)
Boxes	Cardboard
Standard Packaging	
Quantity/liner	10
Quantity/pouch	60, 100
Quantity/box	600/1200, 1200/2400
Minimum sales	1200

Options	
Connectors	C, A, F
Pre-wired	-
Pre-wired connectors	-
Precaution	
Single use only	

## Available configurations\*

Quantity/pouch	60	100
	Quantity per inner/outer box	
SU-00-C		1200/2400
SU-00-A, F	600/1200	

- Product
  - Wire length
  - Connector
- SU-00-C

\*some configurations may not be available worldwide

**Ambu A/S**  
 Baltorpbakken 13  
 DK - 2750 Ballerup  
 Denmark  
 Tel. +45 7225 2000  
 Fax +45 7225 2053  
 www.ambu.com