

# Ambu<sup>®</sup> BlueSensor N

ECG Electrode - Single use



## Key Benefits

- Highly conductive wet gel
- Superior adhesion
- Comfortable foam backing
- Unique offset connector
- High-quality Ag/AgCl sensor
- Available with preattached lead wire

## Ambu<sup>®</sup> BlueSensor N

The very small Ambu BlueSensor N has been specially developed for children. It features highly conductive wet gel, offset connector and superior adhesion to ensure optimal signal during short- to medium-term applications.

Thanks to the comfortable foam backing, the electrode is easy to use and gentle to the skin. The N electrode is also available with pre-attached lead wires.



Wet gel



Foam backing

**BlueSensor**

**Ambu**<sup>\*</sup>  
Ideas that work for life

## Specifications

Dimensions	
Electrode size* (max. L x W or diameter in mm)	44.8 x 22/30 x 22
Skin contact size (max. L x W or diameter in mm)	30 x 20
Adhesive area (in mm <sup>2</sup> )	556
Height excluding connector/wire (in mm)	1.6
Sensor	
Sensor material	Silver/silver chloride
Gel system	Wet gel
Sensor area* (in mm <sup>2</sup> )	15/28
Gel area/measuring area (in mm <sup>2</sup> )	95
Electrical data (ANSI/AAMI)	
AC impedance - typical	600 Ω
DC offset voltage - typical	0.2 mV
Defibrillation overload recovery - typical	8.5 mV
Rate of change of polarization potential - typical	0.3 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	No
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



S = Stud



A = 4 mm connector



F = 3 mm connector

## 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	Copper
Lead wire insulation	Polyvinyl chloride
Lead wire connector	Brass/polypropylene (PP)
Liner	Polyester/polyethylene film (PET/PE)

Packaging	
Pouches, inner layer	Polyethylene (PE)
Pouches, centre layer	Aluminium (Al)
Pouches, outer layer	Polyester (PET)
Boxes	Cardboard
Standard Packaging	
Quantity/liner	1
Quantity/pouch	25
Quantity/box	500/1000, 1000/2000
Minimum sales	1000/2000

Options	
Connectors	S, A, F
Pre-wired	Yes
Pre-wired connectors	A, F, K
Precaution	
Single use only	

## Pre-wired connectors



A = 4 mm connector



F = 3 mm connector



K = 1.5 mm connector

## Available configurations\*

Quantity/pouch	25
Quantity per inner/outer box	
N-00-S, A, F	1000/2000
N-10-A, F	1000/2000
N-50-A, F, K	500/1000

\*some configurations may not be available worldwide

- Product
- N-00-S ■ Wire length
- Connector

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