

Ambu® BlueSensor™ N

ECG Electrode – Single-use

DATASHEET

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



KEY BENEFITS

Highly conductive wet gel

Superior adhesion

Comfortable foam backing

Unique offset connector

High-quality Ag/AgCl sensor

Available with preattached lead wire

AVAILABLE CONFIGURATIONS

Product	Quantity per pack	■ Product ■ Wire length ■ Connector
	Quantity per inner/outer box	
N-00-S,A	1000/2000	■ N-00-S
N-10-A, F	1000/2000	
N-50-F	500/1000	

Ambu

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 ²)	556
Height excluding connector/wire (in mm)	1.6

Sensor

Sensor material	Silver/silver chloride
Gel system	Wet gel
Sensor area (in mm ²)	15/28
Gel area/measuring area (in mm ²)	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

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)

CONNECTORS



A = 4 mm connector



S = Stud



F = 3 mm connector

PRE-WIRED CONNECTORS



A = 4 mm connector



F = 3 mm connector

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	25
Quantity/box	500/1000, 1000/2000
Minimum sales	25

Options

Connectors	A, F
Pre-wired	Yes
Pre-wired connectors	A, F, K

Precaution

Single-use only



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Questions? Contact your Ambu representative at **800-262-8462** or visit **ambuUSA.com**