# **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.







# Ambu<sup>®</sup> BlueSensor<sup>™</sup> N ECG Electrode – Single-use



#### **KEY BENEFITS**

Highly conductive wet gel

Superior adhesior

Comfortable foam backing

Unique offset connector

High-quality Ag/AgCl sensor

Available with preattached lead wire

#### **AVAILABLE CONFIGURATIONS**

Product	Quantity per pack	
	Quantity per inner/outer box	<ul><li>Product</li></ul>
N-00-S,A	1000/2000	N-00-S • Wire length
N-10-A, F	1000/2000	<ul><li>Connector</li></ul>
N-50-F	500/1000	



### **SPECIFICATIONS**

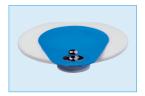
Dimensions	
Electrode size* (max. L x W or diameter in mm)	44.8 x 22/30 x 22
Skin contact size (max. L x W or diameter in mm)	30 x 20
Adhesive area (in mm²)	556
Height excluding connector/wire (in mm)	1.6
Sensor	
Sensor material	Silver/silver chloride
Gel system	Wet gel
Sensor area (in mm²)	15/28
Gel area/measuring area (in mm²)	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 (AI)		
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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