

DATASHEET

The small and narrow Ambu BlueSensor N is recommended for pediatric monitoring. It features conductive wet gel, offset connector and suitable adhesion to ensure signal during short-term applications.

Key benefits

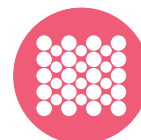
- Offset connector mitigates the impact on signal quality from external forces like pulling of lead wires and pressure on electrodes
- Offset connector allows the user to connect and disconnect the lead wire without applying pressure to the patient or the sensor area, which reduces the risk of gel spreading and adhesive detachment from skin
- Conductive wet gel lowers skin impedance effectively and immediately
- Wet gel optimizes contact between skin and electrode
- Adhesion is 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
- Also available with preattached lead wire

Ambu® BlueSensor N

ECG Electrode
Single use



Wet gel



Foam
backing



Silver
sensor

BlueSensor

Ambu

SPECIFICATIONS

Dimensions

Electrode size (length x width in mm)	45 x 22 (non-wire) 30 x 22 (prewired)
Adhesive area (in mm ²)	461

Sensor

Sensor material	Silver/silver chloride (Ag/AgCl)
Gel system	Wet gel
Gel area/measuring area (in mm ²)	95

Electrical data (ANSI/AAMI)

AC impedance - typical	610 Ω
DC offset voltage - typical	0.5 mV
Defibrillation overload recovery - typical	10.21 mV
Rate of change of polarization potential - typical	-0.17 mV/s
Combined offset instability and internal noise	3.6 μV
Bias current tolerance (over 8 hours)	2.2 mV

MATERIALS

Electrode

Bio-compatible	Yes
Sponge	Polyurethane foam (PUR)
Backing material	Polyvinyl chloride foam (PVC)
Skin adhesive	Acrylate
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)

AVAILABLE CONFIGURATIONS*

Reference number	Units/liner	Units/pouch	Units/inner box	Units/outer box
N-00-A/25	1	25	1000	2000
N-00-F/25	1	25	1000	2000
N-00-S/25	1	25	1000	2000
N-10-A/25	1	25	1000	2000
N-10-F/25	1	25	1000	2000
N-50-A/25	1	25	500	1000
N-50-F/25	1	25	500	1000
N-50-K/25	1	25	500	1000

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

*some configurations may not be available worldwide

Environment

Electrode is not made with natural rubber latex

Wire 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

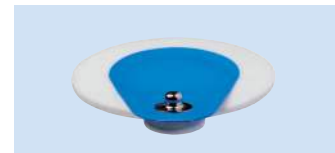
Options

Non-wired connectors	S, A, F
Pre-wired connectors	A, F, K

Precaution

Single use only	-
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CONNECTORS



S = Stud



A = 4 mm connector



F = 3 mm connector

PRE-WIRED CONNECTORS



A = 4 mm connector



F = 3 mm connector



K = 1.5 mm connector

FEATURES



Printed release liner

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