

# Ambu<sup>®</sup> BlueSensor NF

ECG Electrode - Single use



## Key Benefits

- Skin-friendly solid gel
- Breathable soft cloth backing
- Unique offset connector
- High-quality Ag/AgCl sensor
- Available with various connectors and colour coded lead wires

## Ambu<sup>®</sup> BlueSensor NF

The very small Ambu BlueSensor NF has been specially developed for babies and smaller children. The electrode features a skin-friendly solid gel that ensures optimal signal during long-term applications, and also allows the electrode to be repositioned if necessary.

Thanks to the cloth material, skin is able to breathe so the electrode remains comfortable to wear over long periods. The NF electrodes are available with a stud connector and colour-coded lead wires.



Solid gel



Cloth backing

**BlueSensor**

**Ambu**  
Ideas that work for life

## Specifications

Dimensions	
Electrode size* (max. L x W or diameter in mm)	44.3 x 22/30 x 22
Skin contact size (max. L x W or diameter in mm)	28 x 20
Adhesive area (in mm <sup>2</sup> )	474
Height excluding connector/wire (in mm)	1
Sensor	
Sensor material	Silver/silver chloride
Gel system	Solid gel
Sensor area* (in mm <sup>2</sup> )	33/54
Gel area/measuring area (in mm <sup>2</sup> )	474
Electrical data (ANSI/AAMI)	
AC impedance - typical	600 Ω
DC offset voltage - typical	0.2 mV
Defibrillation overload recovery - typical	15 mV
Rate of change of polarization potential - typical	0.5 mV/s
Combined offset instability and internal noise	<90 μV
Bias current tolerance (over 8 hours)	<30 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	
In opened pouches	1 month
Unopened pouches**	24 months

\*non-wire/wire \*\*from date of production

## Material

Electrode	
Bio-compatible	Yes
Sensor	Silver/silver chloride (Ag/AgCl)
Sponge	-
Outer carrier	Non woven polyester
Outer adhesive	Solid gel
Upper part*	Polyvinyl chloride/EVA-polyethylene
Fitting	Polypropylene (PP)
Connector (stud)	Nickel-plated brass
Lead wire core	Copper
Lead wire insulation	Polyvinyl chloride
Lead wire connector	Brass/polypropylene
Liner	Siliconized polyester film

\*non-wire/wire

Packaging	
Pouches, inner layer	Polyethylene (PE)
Pouches, centre layer	Aluminium (Al)
Pouches, outer layer	Polyester (PET)
Boxes	Cardboard
Standard Packaging	
Quantity/liner	3
Quantity/pouch	3, 12, 30
Quantity/box	600/1200, 1200/2400
Minimum sales	1200

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

## Connectors



S = Stud



A = 4 mm connector



F = 3 mm connector



J = 2 mm connector



K = 1.5 mm connector

## Available configurations\*

Quantity/pouch	3	12	30
	Quantity per inner/outer box		
NF-00-F, S		1200/2400	
NF-10-A, F		600/1200	
NF-50-A, F		600/1200	
NF-50-J	600/1200		

Quantity/pouch	3	12	30
	Quantity per inner/outer box		
NF-50-K/EU**	600/1200	600/1200	
NF-50-J/W**		600/1200	
NF-50-K/W**		600/1200	600/1200
NF-50-K/US**	600/1200		

- Product
  - Wire length
  - Connector
- NF-00-S

\*some configurations may not be available worldwide.

\*\* EU = Coloured lead wire: red, yellow, black  
 US = Coloured lead wire: green, black, white  
 W = Wound lead wire

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