

# 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.

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**<sup>\*</sup>  
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)	Stainless steel
Eyelet	Silver coated plastic
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	

# Available configurations\*

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

Quantity/pouch	3	12	30
	Quantity per inner/outer box		
NF-50-J	600/1200		
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		

\*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

- Product
- Wire length
- Connector

# Connectors



S = Stud



F = 3 mm connector

## Pre wired connectors



A = 4 mm connector



F = 3 mm connector



J = 2 mm connector



K = 1.5 mm connector

## Ambu A/S

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