

DATASHEET

The small and narrow Ambu BlueSensor NF ECG Electrode has been specially developed for neonatal patients. The electrode features a skin-friendly solid gel that ensures stable signal trace quality.

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
- Skin-friendly solid gel supports the quality of the signal
- Ag/AgCl sensor ensures stable signal quality
- Also available with colour coded lead wires

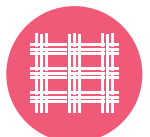
Ambu® BlueSensor NF

ECG Electrode

Single use



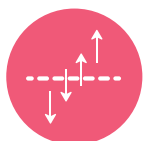
Solid gel



Cloth backing



Silver sensor



Breathable backing

BlueSensor

Ambu

SPECIFICATIONS

Dimensions

Electrode size (length x width in mm)	44.3 x 22 (non-wire) 30 x 22 (prewired)
Skin contact size (diameter in mm)	28 x 20
Adhesive area (in mm ²)	474

Sensor

Sensor material	Silver/silver chloride (Ag/AgCl)
Gel system	Solid gel
Gel area/measuring area (in mm ²)	474

Electrical Data (ANSI/AAMI)

AC impedance - typical	900 Ω
DC offset voltage - typical	2.6 mV
Defibrillation overload recovery - typical	18.41 mV
Rate of change of polarisation potential - typical	-0.54 mV/s
Combined offset instability and internal noise	7.3 μV
Bias current tolerance (over 8 hours)	4.2 mV

MATERIALS

Electrode

Bio-compatible	Yes
Backing material	Non woven polyester
Skin adhesive	Solid gel
Upper part	Polyvinyl chloride (non-wire) EVA-polyethylene (pre-wired)
F connector fitting	Polypropylene (PP)
S connector (stud)	Stainless steel
Eyelet	Silver coated plastic
Lead wire core	Copper
Lead wire insulation	Polyvinyl chloride
Lead wire connector	Brass/polypropylene
Release liner	Siliconised polyester film

AVAILABLE CONFIGURATIONS

Product Code	Units/liner	Units/pouch	Units/inner box	Units/outer box
NF-00-F/12	3	12	600	1200
NF-00-S/12	3	12	1200	2400
NF-10-A/12	3	12	600	1200
NF-10-F/12	3	12	600	1200
NF-10-SC/12	3	12	600	1200
NF-50-A/12	3	12	600	1200
NF-50-F/12	3	12	600	1200
NF-50-J/3	3	3	600	1200
NF-50-J/W/12	3	12	600	1200
NF-50-K/12/EU	3	12	600	1200
NF-50-K/3/EU	3	3	600	1200
NF-50-K/3/US	3	3	600	1200
NF-50-K/W/12	3	12	600	1200
NF-50-K/W/30	3	30	600	1200
NF-60-K/W/HC/30	3	30	600	1200

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

** EU = Coloured lead wire: black, red, yellow

US = Coloured lead wire: black, green, white

W = Wound lead wire

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

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