

Ambu® BlueSensor™ M

ECG Electrode – Single-use



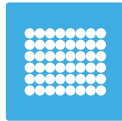
DATASHEET

The small Ambu BlueSensor M features highly conductive wet gel, offset connector and superior adhesion to ensure optimal signal quality during short to medium-term applications.

Thanks to the special occlusive backing material, the electrode is resistant to liquids. The BlueSensor M is rated for both adult and pediatric use.



Wet gel



Polymer backing

BlueSensor

KEY BENEFITS

Highly conductive wet gel

Superior adhesion

Occlusive backing material

Unique offset connection

High-quality Ag/AgCl sensor

Ambu

SPECIFICATIONS

Dimensions

Electrode size (L x W in mm)	40.8 x 34
Skin contact size (L x W in mm)	34
Adhesive area (in mm ²)	754
Height excluding connector/wire (in mm)	1

Sensor

Sensor material	Silver/silver chloride
Gel system	Wet gel
Sensor area (in mm ²)	10
Gel area/measuring area (in mm ²)	154

Electrical data

AC impedance - typical	700 Ω
DC offset voltage - typical	0.4 mV
Defibrillation overload recovery - typical	11.1 mV
Rate of change of polarization potential	0.2 mV/s
Combined offset instability and internal noise	<15 μV
Bias current tolerance (over 8 hours)	<5 mV

Environment

PVC-free electrode	No
PVC-free lead wire	-
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*	15 months

*from date of production

AVAILABLE CONFIGURATIONS*

Quantity/pouch	50	
M-00-S, F	Quantity per inner/outer box	■ Product ■ Wire length ■ Connector
	1000/2000	

*some configurations may not be available worldwide

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)	Stainless steel
Eyelet	Silver coated plastic
Lead wire core	-
Lead wire insulation	-
Lead wire connector	-
Liner	Polyester/polyethylene film (PET/PE)

Packaging

Pouches, inner layer	Polyethylene (PE)
Pouches, center layer	Aluminium (Al)
Pouches, outer layer	Polyester (PET)
Boxes	Cardboard

Standard Packaging

Quantity/liner	1
Quantity/pouch	50
Quantity/box	1000/2000
Minimum sales	50

Options

Connectors	S, F
Pre-wired	-
Pre-wired connectors	-

Precaution

Single-use only



S = Stud



F = 3 mm fitting

Ambu FOREVER FORWARD

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US: Rx only

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Questions? Contact your Ambu representative at **800-262-8462** or visit **ambuUSA.com**