

Ambu® BlueSensor M

ECG Electrode - Single-use



Key Benefits

- Highly conductive wet gel
- Superior adhesion
- Occlusive backing material
- Unique offset connector
- High-quality Ag/AgCl sensor

Ambu® BlueSensor M

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. The BlueSensor M is rated for both adult and pediatric use.

Thanks to the special occlusive backing material, the electrode is resistant to liquids.



Wet gel



Polymer backing

BlueSensor

Ambu 
Ideas that work for life

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 μ V
Bias current tolerance (over 8 hours)	<5 mV

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)

Available configurations*

Product	Pack
M-00-A/50	50
M-00-F/50	50
M-00-S/50	50

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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

Connectors



S = Stud



A = 4 mm fitting



F = 3 mm fitting

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

Options	
Connectors	S, A, F
Precaution	
Single-use only	