

Ambu® WhiteSensor 4500M

ECG Electrode - Single use



Key Benefits

- Highly conductive wet gel
- Good adhesion
- Flexible foam backing
- Radiolucent
- MR Conditional

Ambu® WhiteSensor 4500M

The Ambu WhiteSensor 4500M features a wet gel with good adhesion to ensure a good signal quality during short-term ECG monitoring applications.

Thanks to the flexible foam backing material, the electrode ensures ease of use and comfort during application. It is radiolucent and MR Conditional.



Wet gel



Foam backing



Radiolucent



MR Conditional

WhiteSensor

Ambu^{*}
Ideas that work for life

Specifications

Dimensions	
Electrode size (length x width in mm)	50 x 48
Adhesive area (in mm ²)	1584
Height excluding connector (in mm)	1
Sensor	
Sensor material	Silver/silver chloride (Ag/AgCl)
Gel system	Wet gel
Gel area (in mm ²)	201
Sensor area (in mm ²)	79
Electrical data (ANSI/AAMI)	
AC impedance - typical	95 Ω
DC offset potential - typical	1.0 mV
Defibrillation overload recovery - typical	12 mV
Rate of change for polarisation potential - typical	0.3 mV/s
Combined offset instability and internal noise	9 μV
Bias current tolerance	5 mV

Environment	
PVC-free electrode	Yes
Electrode not made with natural rubber latex	Yes
PVC-free packaging	Yes
X-Ray & MRI	
Radiolucent	Yes
MR Conditional	Yes*
Shelf life	
Opened pouch	30 days
Sealed pouch	24 months**

* Static magnetic field of 1.5 Tesla and 3 Tesla only. Maximum spatial gradient field of 25.000 Gauss/cm or 250 Tesla/m. Maximum whole body averaged specific absorption rate (SAR) of 2 W/kg for 15 minutes of scanning.

** From date of production.

Materials

Electrode	
Bio-compatible	Yes
Sponge	Polyester Polyurethane Reticulated
Backing material	Polyethylene foam (PE)
Backing material adhesive	Polyacrylate
Supporting label	Polyethylene
Release liner	Polyester (PET)
Connector	Carbon filled ABS

Packaging	
Pouch (outer/middle/inner layers)	Polyester/Aluminum/Polythene
Boxes	Corrugated cardboard
Options	
Connectors	S
Precaution	
Single use only	
Accessories	
Skin Preps	Ref: 2121M

Available configurations

Reference number	Units/card	Units/pouch	Units/inner box	Units/outer box
4500M	3	30	300	3000

Distributor in EU
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