

# Ambu® WhiteSensor™ 4500M

## ECG Electrode – Single-use

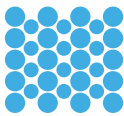
### DATASHEET

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.



Radiolucent



Foam backing



Wet gel

*WhiteSensor*



### KEY BENEFITS

Highly conductive wet gel

Good adhesion

Comfortable foam backing

Radiolucent

MR Conditional

**Ambu**

## SPECIFICATIONS

### Dimensions

Electrode size (length x width in mm)	50 x 48
Adhesive area (in mm <sup>2</sup> )	1584
Height excluding connector (in mm)	1

### Sensor

Sensor material	Silver, silver chloride (Ag/AgCl)
Gel system	Wet gel
Gel area (in mm <sup>2</sup> )	201
Sensor area (in mm <sup>2</sup> )	79

### Electrical data (ANSI/AAMI)

AC impedance - typical	95 $\Omega$
DC offset potential - typical	1.0 mV
Defibrillation overload recovery - typical	12 mV
Rate of change for polarization potential - typical	0.3 mV/s
Combined offset instability and internal noise	9 $\mu$ V
Bias current tolerance	5 mV

### Environment

PVC-free electrode	Yes
Electrode not made with natural rubber latex	
PVC-free packaging	Yes

### X-Ray & MRI

Radiolucent	Yes*
MR Conditional	Yes***

### Shelf life

Opened pouch	30 days
Sealed pouch	24 months**

### Accessories

Skin Preps	Ref: 2121M
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## MATERIALS

### Electrode

Bio-compatible	Yes
Sponge	Polyester Polyurethane Reticulated
Backing material	Polyethylene foam (PE)
Backing material adhesive	Polyacrylate
Supporting label	Polyethylene
Connector	Graphite, snap type
Upper substrate	-
Release liner	Polyester (PET)
Stud material	Carbon filled ABS
Connector	Connector - Carbon

### Packaging

Pouch (outer/middle/inner layers)	Polyester (PET)/aluminium/Poly film
Inner carton	Corrugated box
Shipping carton	Corrugated box

## AVAILABLE CONFIGURATIONS

Product	Pack
4500M/3	3
4500M/5	5
4500M	30

\*Overlay material of the 4500M with graphite snap may cast shadows in radiographs with intensities greater than 50 kV. \*\*From date of production. \*\*\*Static magnetic field of 1.5 Tesla and 3 Tesla only. Maximum spatial gradient field of 10,000 Gauss/cm or 100 Tesla/m. Maximum whole body averaged specific absorption rate (SAR) of 2 W/kg for 15 minutes of scanning.

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



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