

# Ambu® WhiteSensor 4540M

ECG Electrode - Single use



## Key Benefits

- Highly conductive wet gel
- Comfortable foam backing
- 4 mm fitting connector
- Radiolucent
- MR Conditional

## Ambu® WhiteSensor 4540M

The Ambu® WhiteSensor 4540M features a highly conductive wet gel system which guarantees a fast and accurate trace during 12-lead ECG procedures. Presented conveniently with 5 pieces to a card. Thanks to the strong

high-tack adhesive foam, time wasted due to electrode drop-off will be reduced. The 4 mm slot connector which is radiolucent makes it possible for the patient to undergo X-ray and scanner procedures.



Wet gel



Foam backing material



Radiolucent



MR Conditional

WhiteSensor

**Ambu**  
Ideas that work for life

## Specifications

Dimensions	
Electrode size (length x width in mm)	32 x 45
Skin contact size (length x width in mm)	32 x 41
Adhesive area (in mm <sup>2</sup> )	1085
Height excluding connector (in mm)	1.6
Sensor	
Sensor material	Silver, silver chloride (Ag/AgCl)
Gel system	Chloride based, wet gel
Gel area (in mm <sup>2</sup> )	201
Sensor area (in mm <sup>2</sup> )	77
Electrical data (ANSI/AAMI)	
AC impedance - typical	110 Ω
DC offset potential - typical	5.3 mV
Defibrillation overload recovery - typical	4 mV
Rate of change for polarisation potential - typical	0.2 mV/s
Combined offset instability and internal noise	0.0 μV
Bias current tolerance	3.1 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	1 month
Sealed pouch	24 months*

\*from date of production

Accessories	
Skin Preps	Ref: 2121M

## Materials

Electrode	
Bio-compatible	Yes
Sponge	Polyurethane foam (PU)
Backing material	Polyethylene foam (PE)
Backing material adhesive	Acrylic
Supporting label	Printed PVC
Connector	4 mm graphite slot
Upper substrate	-
Release liner	Siliconised polyester

Packaging	
Pouch (outer/middle/inner layers)	Polyester (PET)/aluminium/polyethylene (PE)
Inner carton	Printed corrugated board
Shipping carton	Printed corrugated board
Standard Packaging	
Quantity/liner	5
Quantity/pouch	60
Inner carton	300
Shipping carton	2400
Minimum sales	2400
Precaution	
Single use only	

## Available configurations

Quantity/pouch	60
	Quantity per inner/outer box
4540M	300/2400

\*\* 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.