

Ambu® WhiteSensor 4540

ECG Electrode - Single use



Key Benefits

- Highly conductive wet gel
- Flexible foam backing
- 4 mm fitting connector
- Radiolucent
- MR Conditional
- High-tack adhesive foam
- Biocompatible

Ambu® WhiteSensor 4540

The Ambu® WhiteSensor 4540 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 44
Skin contact size (length x width in mm)	32 X 41
Adhesive area (in mm ²)	1079
Height excluding connector (in mm)	1.5
Sensor	
Sensor material	Silver/silver chloride (Ag/AgCl)
Gel system	Wet gel
Gel area (in mm ²)	201
Sensor area (in mm ²)	77
Electrical data (ANSI/AAMI)	
AC impedance - typical	200 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	60 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	1 month
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
Connector	4 mm graphite slot
Upper substrate	-
Release liner	Siliconised polyester

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

Available configurations

Reference number	Units/card	Units/pouch	Units/inner box	Units/outer box
4540	5	60	300	2400

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