

DATASHEET

The small radiolucent Ambu WhiteSensor 40554 has been specially developed for babies and newborns.

The electrode features a skin-friendly solid gel and breathable cloth backing material.

Key benefits

- Skin-friendly solid gel supports the quality of the signal
- Soft cloth backing allows the skin to breathe
- Small size is suitable for neonatal patients
- Radiolucency allows the electrode to remain on the patient during X-ray procedures
- Prewired with 1,5 mm connector
- Lead wire length is 60 cm

Ambu® WhiteSensor 40554

ECG Electrode
Single use



Solid gel



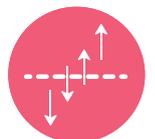
Cloth
backing



Silver
sensor



Radiolucent



Breathable
backing

WhiteSensor

Ambu

SPECIFICATIONS

Dimensions

Electrode size (length x width in mm)	22 x 22
Skin contact size (length x width in mm)	22 x 22
Skin contact area (in mm ²)	484

Sensor

Sensor material	Silver/silver chloride (Ag/AgCl)
Gel system	Solid gel
Gel area (in mm ²)	484

Electrical data (ANSI/AAMI)

AC impedance - typical	220 Ω
DC offset potential - typical	3.5 mV
Defibrillation overload recovery - typical	12.65 mV
Rate of change for polarisation potential - typical	-0.26 mV/s
Combined offset instability and internal noise	0.3 μV
Bias current tolerance	4.5 mV

Environment

Electrode is not made with natural rubber latex
Wire is not made with natural rubber latex
Packaging is PVC-free

X-ray & MRI

Radiolucent	Yes
MR Conditional	No

Shelf life

Unopened pouch*	24 months
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*from date of production

CONNECTORS



K = 1.5 mm connector

MATERIALS

Electrode

Bio-compatible	Yes
Backing material	Non-woven (Cloth)
Supporting label	Printed Polyethylene (PE) foam
Lead wire core	Carbon
Lead wire insulation	Polyvinyl chloride (PVC)
Release liner	Siliconised polyester

Packaging

Pouch (outer/middle/inner layers)	Polyester/Aluminium/Polyethylene
Boxes	Cardboard

Options

Pre-wired connectors	K
Lead wire colors	Red, yellow, black

Precaution

Single use only

AVAILABLE CONFIGURATIONS*

Reference number	Units/liner	Units/pouch	Units/inner box	Units/outer box
40554	3	3	300	3000

*some configurations may not be available worldwide

Ambu

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