

# Ambu® WhiteSensor 40554

ECG Electrode - Single use



## Key Benefits

- Skin-friendly solid gel
- Breathable soft cloth backing
- Small size ideal for neonatal patients
- Radiolucent
- Prewired with 1,5 mm connector

## Ambu® WhiteSensor 40554

The small radiolucent Ambu WhiteSensor 40554 has been specially developed for babies and newborns. The electrode features a skin-friendly solid gel that ensures optimal signal quality during monitoring, and also allows the

electrode to be repositioned if necessary. Thanks to the soft cloth material the electrode remains comfortable to wear over long periods.



Solid gel



Cloth backing



Radiolucent

WhiteSensor

**Ambu**  
Ideas that work for life

# 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 <sup>2</sup> )	484
Height excluding connector (in mm)	2.8

Sensor	
Sensor material	Silver, silver chloride (Ag/AgCl)
Gel system	Chloride-based, bio-adhesive gel
Gel area (in mm <sup>2</sup> )	484
Sensor area (in mm <sup>2</sup> )	89

Electrical data (ANSI/AAMI)	
AC impedance - typical	256 Ω
DC offset potential - typical	0.6 mV
Defibrillation overload recovery - typical	13 mV
Rate of change for polarisation potential - typical	-0.3 mV/s
Combined offset instability and internal noise	2.2 μV
Bias current tolerance	0,7 mV

Environment	
PVC-free electrode	Yes
Cable insulation	Phthalate-free, medical grade PVC
Electrode not made with natural rubber latex	
PVC-free packaging	Yes
X-Ray & MRI	
Radiolucent	Yes
MR Conditional	No
Shelf life	
Opened pouch	information available upon request
Sealed pouch*	24 months

\*from date of production

## Materials

Electrode	
Bio-compatible	Yes
Backing material	Non-woven (Cloth)
Supporting label	Printed Polyethylene (PE) foam
Cable	600 mm Carbon fibers with PVC insulation
Connector	1.5mm+/-0.25mm DIN safety connector
Release liner	Siliconised polyester

Packaging	
Pouch (outer/middle/inner layers)	Paper/polyethylene(PE)/aluminium/polyethylene(PE)
Inner carton	Printed corrugated board
Shipping carton	Printed corrugated board

Standard Packaging	
Quantity/liner	3
Quantity/pouch	3
Inner carton	300
Shipping carton	3000
Minimum sales	3000

Precaution	
Single use only	

## Available configurations\*

Quantity/pouch	3
40554	Quantity per inner/outer box 300/3000