

# Ambu<sup>®</sup> BlueSensor Q

ECG Electrode - Single use



## Key Benefits

- Highly conductive wet gel
- Superior adhesion
- Large measuring area
- Occlusive backing material
- Unique offset connector
- High-quality Ag/AgCl sensor

## Ambu<sup>®</sup> BlueSensor Q

The medium-size Ambu BlueSensor Q features highly conductive wet gel, offset connector, superior adhesion, and a large measuring area to ensure optimal signal quality during medium-term applications.

Thanks to the special occlusive backing material, the electrode is resistant to liquids. The Q is also available with a pre-attached lead wire.



Wet gel



Polymer backing

**BlueSensor**

**Ambu**<sup>\*</sup>  
Ideas that work for life

## Specifications

Dimensions	
Electrode size* (max. L x W or diameter in mm)	53.2 x 40/40
Skin contact size (max. L x W or diameter in mm)	40
Adhesive area (in mm <sup>2</sup> )	1002
Height excluding connector/wire (in mm)	1
Sensor	
Sensor material	Silver/silver chloride
Gel system	Wet gel
Sensor area (in mm <sup>2</sup> )	20.8/22.4
Gel area (in mm <sup>2</sup> )	254
Electrical data (ANSI/AAMI)	
AC impedance - typical	500 Ω
DC offset voltage - typical	0.2 mV
Defibrillation overload recovery - typical	8.1 mV
Rate of change of polarization potential - typical	0.2 mV/s
Combined offset instability and internal noise	<15μV
Bias current tolerance (over 8 hours)	<5 mV

## Materials

Electrode	
Bio-compatible	Yes
Sensor	Silver/silver chloride (Ag/AgCl)
Sponge	Polyurethane foam (PUR)
Outer carrier	Polyvinyl chloride film (PVC)
Outer adhesive	Acrylate
Inner carrier (if any)	-
Inner adhesive (if any)	-
Upper part	Polyvinyl chloride film (PVC)
Fitting	Polypropylene (PP)
Connector (stud)	Nickel-plated brass
Lead wire core	Copper
Lead wire insulation	Polyvinyl chloride (PVC)
Lead wire connector	Brass/polypropylene (PP)
Liner	Polyester/polyethylene film (PET/PE)

## Available configurations\*

Reference Numbers	Units/pack
Q-00-S/25	25

Environment	
PVC-free electrode	No
Electrode not made with natural rubber latex	
PVC-free lead wire	No
Wire not made with natural rubber latex	
PVC-free packaging	Yes
X-Ray & MRI	
Radiolucent	No
MR Conditional	No
Shelf life	
Opened pouches	1 month
Unopened pouches**	24 months

\*non-wire/wire  
\*\*from date of production

## Connectors



S = Stud

Packaging	
Pouches, inner layer	Polyethylene (PE)
Pouches, center layer	Aluminium (Al)
Pouches, outer layer	Polyester (PET)
Boxes	Cardboard
Standard Packaging	
Quantity/liner	1
Quantity/pouch	25
Quantity/box	500/1000
Options	
Connectors	S
Precaution	
Single use only	

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