

# Ambu<sup>®</sup> Blue Sensor SP



The medium-size Ambu Blue Sensor SP features highly conductive wet gel and superior adhesion to ensure optimal signal quality during medium-term applications. Thanks to the comfortable foam backing material, the electrode is gentle to the skin.

#### KEY FEATURES

- Highly conductive wet gel
- Superior adhesion
- Comfortable foam backing
- Unique offset concept
- High-quality Ag/AgCl sensor

#### DIMENSIONS:

Electrode size (max. L x W or diameter in mm)	42.5 x 38
Skin contact size (max. L x W or diameter in mm)	38
Adhesive area (in mm <sup>2</sup> )	980
Height excluding connector/wire (in mm)	1.6

#### ELECTRICAL DATA (ANSI/AAMI):

AC impedance - typical	400 Ω
DC offset voltage - typical	0.2 mV
Defibrillation overload recovery - typical	7.8 mV
Rate of change of polarization potential - typical	0.2 mV/s
Combined offset instability and internal noise	<15 μV
Bias current tolerance (over 8 hours)	<5 mV

#### SENSOR:

Sensor material	Silver/silver chloride
Gel system	Wet gel
Sensor area (in mm <sup>2</sup> )	13.2
Gel area/measuring area (in mm <sup>2</sup> )	154

#### X-RAY & MRI:

X-ray-translucent	no
MRI-safe	no

#### LIFETIME:

Recommended application time (max.)	18 hours
In opened pouches	1 month
Unopened pouches*	15 months

\*from date of production

### Connectors:



S = Stud



A = 4 mm fitting



F = 3 mm fitting

### ENVIRONMENT:

PVC-free electrode	no
Latex-free electrode	yes
PVC-free lead wire	-
Latex-free lead wire	-
PVC-free packaging	yes

### STANDARD PACKAGING:

Quantity/liner	1
Quantity/pouch	3, 10, 50
Quantity/box	501/1002, 1000/2000
Minimum sales	1002

### OPTIONS:

Connectors	S, A, F
Pre-wired	-
Pre-wired connectors	-

### AVAILABLE CONFIGURATIONS\*:

Quantity/pouch	3	10	50
SP-00-S	501/1002	1000/2000	1000/2000
SP-00-A,F			1000/2000

\* Some configurations may not be available worldwide.

### MATERIALS - ELECTRODE:

Bio-compatible	yes
Sensor	Silver/silver chloride (Ag/AgCl)
Sponge	Polyurethane foam (PUR)
Outer carrier	Polyvinyl chloride foam (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	-
Lead-wire insulation	-
Lead-wire connector	-
Liner	Polyester/polyethylene film (PE/PET)

### MATERIALS - PACKAGING:

Pouches, inner layer	Polyethylene (PE)
Pouches, centre layer	Aluminium (Al)
Pouches, outer layer	Polyester (PET)
Boxes	Cardboard

■ PRODUCT  
■ WIRE LENGTH (cm)  
■ CONNECTOR

Qty per inner/outer box

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