



Key Features

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

Ambu® 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.

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 ²)	980
Height excluding connector/wire (in mm)	1.6

SENSOR

Sensor material	Silver/silver chloride (Ag/AgCl)
Gel system	Wet gel
Sensor area (in mm ²)	13.2
Gel area/measuring area (in mm ²)	154

LIFETIME

In opened pouches	1 month
Unopened pouches*	15 months

*from date of production

X-RAY & MRI

X-ray-translucent	No
MRI-safe	No

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 μ V
Bias current tolerance (over 8 hours)	<5 mV

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*

	3	10	50
	Qty per inner/outer box		
SP-00-S	501/1002	1000/2000	1000/2000
SP-00-A, F			1000/2000

* Some configurations may not be available worldwide

■ PRODUCT
■ WIRE LENGTH
■ CONNECTOR

PRECAUTION

Single patient use only

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 (PET/PE)

MATERIALS - PACKAGING

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

CONNECTORS:



S = Stud



A = 4 mm fitting



F = 3 mm fitting