

Blue Sensor SU



Key features

- Highly conductive wet gel
- Superior quick adhesion
- Ten electrodes on a single liner
- Occlusive backing material
- High quality Ag/AgCl sensor

The Blue Sensor SU is the world's first tab electrode featuring a wet gel. The combination of wet gel and superior quick adhesion provides optimal signal quality during 12-lead diagnostic resting applications. Ten SU electrodes are packed on a single liner so there is no need to peel off individual backing material. Thanks to the special occlusive backing material, the electrode will not absorb liquids.

Dimensions:

Electrode size (L x W max or diameter in mm)	49 x 33
Skin contact size (L x W max or diameter in mm)	34 x 33
Adhesive area (in mm ²)	772
Height excl. connector/wire (in mm)	1.2

Electrical data (ANSI/AAMI):

AC impedance - typical	650 Ω
DC offset voltage - typical	0.2 mV
Defibrillation overload recovery - typical	9.9 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)	<10 mV

Sensor:

Sensor material	Silver/silver chloride
Gel system	Wet gel
Sensor area (in mm ²)	50
Gel area/measuring area (in mm ²)	154

X-ray & MRI:

X-ray translucent	no
MRI safe	no

Lifetime:

Recommended application time is upto 12 hours

In opened pouches	1 month
Unopened pouches*	24 months

*from date of production

Environment:

PVC free electrode	yes
Latex free electrode	yes
PVC free lead wire	-
Latex free lead wire	-

Standard packaging:

QTY/Liner	10
QTY/Pouch	60, 100
QTY/Box	600/1200, 1200/2400
Minimum sales	1200

Options:

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

Available configurations*:

QTY/Pouch	60	100
SU-00-C	QTY/Box	
SU-00-C	1200/2400	
SU-00-A,F	600/1200	

* Some configurations may not be available world-wide

Materials electrode:

Bio compatible	yes
Sensor	Silver/silver chloride (Ag/AgCl)
Sponge	Polyurethane foam (PUR)
Outer carrier	Polyethylene foam (PE)
Outer adhesive	Acrylate
Inner carrier (if any)	-
Inner adhesive (if any)	-
Upper part	Polyester film (PET)
Fitting	Polypropylene (PP)
Connector (stud)	Nickel plated brass
Lead wire core	-
Lead wire insulation	-
Lead wire connector	-
Liner	Siliconized polyester film

Materials Packaging:

Pouches inner part	Polyethylene (PE)
Pouches center part	Aluminium (Al)
Pouches outer part	Polyester (PET)
Boxes	Cardboard

Connectors:



C = Clip



A = 4 mm fitting



F = 3 mm fitting