



Key Features

- Highly conductive wet gel
- Combination of instant and long-term adhesives
- Breathable microporous material
- Special soft sponge
- Unique offset concept
- High-quality Ag/AgCl sensor
- Available with preattached lead wire

Ambu[®] Blue Sensor VLC

The very large Ambu Blue Sensor VLC features highly conductive wet gel and a combination of instant and long-term adhesives for excellent contact and stable signals throughout the monitoring period. To avoid reactions on sensitive skin, a special soft sponge is used in the gel area. And thanks to the low-profile microporous material, skin is able to breathe so the electrode remains comfortable to wear over long periods. The VLC is also available with a pre-attached lead wire.

LIFETIME

In opened pouches	1 month
Unopened pouches*	12 months

* from date of production

X-RAY & MRI

X-ray-translucent	No
MRI-safe	No

DIMENSIONS

Electrode size (max. L x W or diameter in mm)	72 x 68
Skin contact size (max. L x W or diameter in mm)	68
Adhesive area (in mm ²)	3377
Height excluding connector/wire (in mm)	1

SENSOR

Sensor material	Silver/silver chloride (Ag/AgCl)
Gel system	Wet gel
Sensor area* (in mm ²)	20.8 / 22.4
Gel area/measuring area (in mm ²)	254

*non-wire/wire

ELECTRICAL DATA (ANSI/AAMI)

AC impedance - typical	500 Ω
DC offset voltage - typical	0.2 mV
Defibrillation overload recovery - typical	7.4 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

ENVIRONMENT

PVC-free electrode	No
Latex-free electrode	Yes
PVC-free lead wire	No
Latex-free lead wire	Yes
PVC-free packaging	Yes

STANDARD PACKAGING

Quantity/liner	1
Quantity/pouch	4, 10, 25
Quantity/box	500/1000
Minimum sales	1000




OPTIONS

Connectors	S
Pre-wired	Yes
Pre-wired connectors	K

AVAILABLE CONFIGURATIONS*

Quantity/pouch	Qty per inner/outer box		
	4	10	25
VLC-00-S	500/1000	500/1000	500/1000
VLC-50-K			500/1000

* Some configurations may not be available worldwide.

	PRODUCT
	WIRE LENGTH
	CONNECTOR

VLC-00-S

PRECAUTION

Single patient use only

MATERIALS - ELECTRODE

Bio-compatible	Yes
Sensor	Silver/silver chloride (Ag/AgCl)
Sponge	Polyurethane foam/microporous (non woven rayon)
Outer carrier	Microporous tape (non woven rayon)
Outer adhesive	Acrylate
Inner carrier (if any)	Polyvinyl chloride film (PVC)
Inner adhesive (if any)	Acrylate
Upper part	Polyvinyl chloride film (PVC)
Fitting	Polypropylene
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)

MATERIALS - PACKAGING

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

CONNECTORS:



S = Stud

PRE-WIRED CONNECTORS:



K = 1.5 mm connector