Ambu
Ideas that work for life

Key Features

- Highly conductive wet gel
- Superior adhesion
- Large measuring area
- Unique offset concept
- High-quality Ag/AgCl sensor

Ambu® **Blue Sensor R**

The large Ambu Blue Sensor R features highly conductive wet gel, superior adhesion, and a large measuring area to ensure an optimal signal during stress tests and medium to long-term applications. Thanks to the comfortable foam backing, the electrode is gentle to the skin.

LIFETIME

Recommended application time (max.)	24 hours
In opened pouches	1 month
Unopened pouches*	24 months
Intended for single patient use	

*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)	57 x 48
Skin contact size (max. L x W or diameter in mm)	48
Adhesive area (in mm^2)	1555
Height excluding connector/wire (in mm)	2

SENSOR

Sensor material	Silver/silver chloride (Ag/AgCl)
Gel system	Wet gel
Sensor area (in mm^2)	27
Gel area/measuring area (in mm^2)	254

ELECTRICAL DATA (ANSI/AAMI)

AC impedance - typical	400 Ω
DC offset voltage - typical	0.2 mV
Defibrillation overload recovery - typical	6.8 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

CARDIOLOGY

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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
Qunatity/pouch	3, 10, 25
Quantity/box	252/504, 500/1000
Minimum sales	504, 1000

OPTIONS

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

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

AVAILABLE CONFIGURATIONS*

Quantity/pouch	3	4	5	7	10	25
			Qty per inner/outer box			
R-00-S	252/504	500/1000	500/1000	504/1008	500/1000	500/1000
R-00-A, F						500/1000

R-00-S

- PRODUCT
- WIRE LENGTH (CM)
- CONNECTOR

*Some configurations may not be available worldwide.

CONNECTORS

S = Stud

A = 4 mm fitting

F = 3 mm fitting

Sales Company
Ambu Inc.
6740 Baymeadow Drive
Glen Burnie, MD 21060
Tel.: 1 410 768 6464
1 800 262 8462
Fax. 1 800 262 8673
www.ambu.com

Manufacturer
Ambu A/S
DK-2750 Ballerup
www.ambu.com

CARDIOLOGY

CE US: RX only

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