

Unilect™ 4831Q



Key Benefits

- Latex free
- PVC free (in contact with skin)
- Integrated skin prepping system
- Bio-Tack™ gel

Unilect™ 4831Q

Adult and paediatric short term foam monitoring electrode with Bio-Tack™ gel. The electrode is made in the leafshape and is conveniently presented with 3 pcs to a strip. The electrode offers an integrated skin prepping system

functionally placed on the translucent HDPE liner. It is a small size electrode with strong adhesive which makes the electrode an excellent choice for less than 24 hrs application time. The electrode is packed 60 pcs to a pouch.

Specifications

Dimensions	
Electrode size (length x width in mm)	37.5 x 37.5
Skin contact size (mm ²)	1306
Adhesive area (in mm ²)	1240
Height excluding connector (in mm)	1.0
Sensor	
Sensor material	Silver, silver chloride (Ag/AgCl)
Gel system	Chloride based, solid gel
Gel area (in mm ²)	189
Sensor area (in mm ²)	77
Electrical data (ANSI/AAMI) ²	
AC impedance - typical	52 Ω
DC offset potential - typical	0.36 mV
Defibrillation overload recovery - typical	9 mV
Rate of change for polarisation potential - typical	0.3 mV/s
Combined offset instability and internal noise	0.84 μV
Bias current tolerance (over 4 hours for tabs and 24 hours for slots)	4.1 mV

Environment	
PVC-free electrode (in contact with skin)	Yes
Latex-free electrode	Yes
PVC-free packaging	Yes
X-Ray & MRI	
X-ray	No
MRI	No
Lifetime	
Opened pouch	Information upon request
Sealed pouch*	20 months

*from date of production

Accessories	
Skin Preps	Ref: 2121M
Related Products	
Please see data sheet no.	4841P

Materials

Electrode	
Bio-compatible	Yes
Sensor	Silver, Silver Chloride (Ag/AgCl)
Backing material	Polyethylene foam (PE)
Backing material adhesive	Acrylic
Connector (stud etc.)	Nickel plated brass, snap type
Upper substrate	-
Release liner	Siliconised HDPE

Packaging	
Pouch (outer/middle/inner layers)	Polyester(PET)/aluminium (Al)/polyethylene (PE)
Pouch dimensions	210 x 240 mm
Inner carton	Printed corrugated board
Inner carton dimensions (Ext)	190 x 225 x 157 mm
Shipping carton	Printed corrugated board
Shipping carton dimensions (Ext)	793 x 393 x 235 mm

Standard Packaging	
Quantity/liner	3
Quantity/pouch	60
Inner carton	300
Shipping carton	3000
Minimum sales	3000

Precaution	
Single patient use only	

Available configurations*

Quantity/pouch	60
4831Q	Quantity per inner/outer box 300/3000

1. Adhesion Assessment Report, Version 2, 12th November 2009

2. American National Standard Institute /Association for the Advancement of Medical Instrumentation (ANSI/AAMI). EC12:2000 Section 4.2.2

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