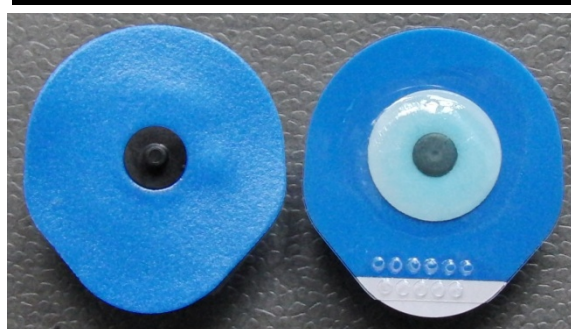


# KENDALL™ ECG Electrodes Product Data Sheet

Covidien™ H34SG

Ref. Code: 31.1946.21



## 1. Basic Product Information

Shape / size (incl. grip)	<i>Tear drop / 50 x 45 mm</i>
Total product surface (incl. grip)	<i>1730 mm<sup>2</sup></i>
Gel area	<i>380 mm<sup>2</sup></i>
Adhesive area	<i>1210 mm<sup>2</sup></i>
Sensor area	<i>50 mm<sup>2</sup></i>
Product thickness (adapter excluded)	<i>1 mm</i>
Adapter	<i>Stud</i>
Integrated lead wire (length / colour)	<i>--</i>

## 2. Materials Information

Backing material	<i>Polyethylene foam (PE), blue</i>
Adhesive characteristics	<i>Medical grade pressure sensitive stress adhesive</i>
Gel characteristics	<i>Conductive and adhesive hydrogel</i>
Supporting / back label	<i>-</i>
Release liner	<i>Polyethylene terephthalate (PET), one side siliconized</i>
Sensor	<i>Carbon filled polymer, Ag/AgCl coated</i>
Adapter / connector	<i>Carbon and glass fiber filled polymer</i>
Integrated lead wire jacketing	<i>--</i>
Integrated lead wire cord	<i>--</i>

## 3. Electrical Characteristics (ANSI/AAMI EC 12, average measured before packaging)

ACZ I impedance (before defibrillation simulation)	<i>230 Ohm</i>
DC offset voltage (before defibrillation simulation)	<i>0.6 mV</i>
SDR (remaining potential after defibrillation simulation)	<i>12 mV</i>
Slope (potential decline after defibrillation simulation)	<i>0.2 mV/s</i>
COIIN (combined offset instability and inner noise)	<i>4 µV</i>
Bias current tolerance (DC offset voltage after DC loading)	<i>6 mV</i>

## 4. Special Features

MRI compatibility (≤ 3T)	<i>yes</i>
X-ray translucence	<i>yes</i>
Peel off resistance, max. (from PE foil, 180 °, 50 mm/min, ASTM D1876)	<i>19 N</i>
Integrated abrader	<i>present</i>
Repositionability	<i>no</i>

## 5. Packaging

	L x W x H (mm)	Content (electrodes)	Material
Product packaging (pouch)	<i>220 x 180</i>	<i>30</i>	<i>Paper / PE / Alu / PE</i>
Department packaging (box)	<i>194 x 194 x 240</i>	<i>300</i>	<i>Paper cardboard</i>
Transport packaging (carton)	<i>600 x 400 x 510</i>	<i>3600</i>	<i>Paper cardboard</i>

## 6. Biocompatibility

Test acc. to DIN ISO 10993	<i>passed</i>
LATEX content	<i>no</i>

## 7. Environment (detailed information related to product and packaging see "Environmental Declaration")

Halogenated hydrocarbon content (e.g. PVC)	<i>no</i>
Phthalate derivatives content (e.g. DEHP)	<i>no</i>
RoHS directive	<i>in compliance</i>

## 8. Shelf life

Product shelf life in an intact, originally sealed packaging	<i>24 months @ 10 ... 30 °C</i>
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## 9. Legal Status

CE Mark according to MDD 93/42/EEC	<i>CE marked</i>
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