



## Kendall™ ECG Electrodes Product Data Sheet

### Arbo™ H124SG Ref. Code: 31.1245.21

#### 1. BASIC PRODUCT INFORMATION

Shape / size (excl. grip)	Round / Ø 24 mm
Total product surface (excl. grip)	452 mm <sup>2</sup>
Gel area	201 mm <sup>2</sup>
Adhesive area	251 mm <sup>2</sup>
Sensor area	80 mm <sup>2</sup>
Product thickness (adapter excluded)	1 mm
Adapter	Stud
Integrated lead wire (length / colour)	–

#### 2. MATERIALS INFORMATION

Backing material	Polyethylene foam (PE), white
Adhesive characteristics	Medical grade pressure sensitive adhesive
Gel characteristics	Conductive and adhesive hydrogel
Supporting / back label	Polypropylene film (PP) transparent
Release liner	Polyethylene film (PE), one side siliconized
Sensor	Polymer Ag/AgCl coated
Adapter / connector	Stainless steel
Integrated lead wire jacketing	–
Integrated lead wire cord	–

#### 3. ELECTRICAL CHARACTERISTICS (ANSI/AAMI EC 12, average measured before packaging)

ACZ I impedance (before defibrillation simulation)	220 Ohm
DC offset voltage (before defibrillation simulation)	0.2 mV
SDR (remaining potential after defibrillation simulation)	11 mV
Slope (potential decline after defibrillation simulation)	0.2 mV/s
COIIN (combined offset instability and inner noise)	4 µV
Bias current tolerance (DC offset voltage after DC loading)	6 mV

#### 4. SPECIAL FEATURES

MRI compatibility (≤ 3T)	no
X-ray translucence	no
Peel off resistance, max. (from PE foil, 180 °, 50 mm/min, ASTM D1876)	2.5 N
Integrated abrader	no
Repositionability	no

#### 5. PACKAGING

	L x W x H (mm)	Content (electrodes)	Material
Product packaging (pouch)	220 x 180	50	Paper / PE / Alu / PE
Department packaging (box)	194 x 194 x 240	500	Paper cardboard
Transport packaging (carton)	600 x 400 x 510	6000	Paper cardboard

#### 6. BIOCOMPATIBILITY

Test acc. to DIN ISO 10993	passed
LATEX content	no

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

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

#### 8. SHELF LIFE

Product shelf life in an intact, originally sealed packaging	24 months @ 10 ... 30 °C
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#### 9. LEGAL STATUS

CE Mark according to MDD 93/42/EEC	CE marked
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