



Hillrom™

Welch Allyn® ECG Monitoring Electrodes

ELECTRODE DETAILS

Electrode Style	Adult, Foam, Single-Use Electrode
Reference	108070
Adhesive Type	Wet Gel
Quantity	10 Electrodes/Pouch (300 Electrodes/Case)
Application	General Patient Monitoring (for 72 Hours)
Shelf Life	18 Months (in Accordance with Storage Guidelines)

TECHNICAL SPECIFICATIONS

Shape	Teardrop
Size (Excluding Grip)	1.5 in (38.1 mm)
Sensor Diameter (Eyelet)	0.42 in (10.592 mm)
Substrate Thickness (Adapter Excluded)	0.063 in (1.588 mm)
Total Product Surface Area	1.7972 in ² (45.649 mm ²)
Gel Area	0.3068 in ² (7.7927 mm ²)
Adhesive Area	1.4904 in ² (37.8562 mm ²)
Integrated Lead Wire (Length/Color)	N/A

MATERIALS

Substrate Material	Polyethelen Foam
Adhesive	Acrylic, Medical Grade
Gel Type	Conductive Wet Gel (7% Chloride)
Foam (Sponge) Material	Polyurethane Reticulated Foam
Release Liner	PS
Sensor Polymer	Ag/AgCl Plated ABS
Adaptor/Connector (Stud)	Stainless Steel
Integrated Lead Wire Jacketing	N/A
Integrated Lead Wire Cord	N/A



BIOCOMPATIBILITY

ISO 10993	Passed
Not Made with Natural Rubber Latex	Yes

ELECTRICAL PERFORMANCE (ANSI/AAMI EC 12)

ACZ impedance @10 Hz (Before Defib Simulation)	20 – 50 Ohm
DC Offset Voltage (Before Defib Simulation)	-2.0 – 2.0 mV
SDR Slope @ 30 Sec Int. (Remaining Potential After Defib)	0.01 – 0 mV/sec
ACZ impedance repeat (After Defib Simulation)	25 Ohm
Combined Offset Instability and Inner Noise (COIIN)	20 – 50 μ V
Bias Current Tolerance (DC Offset Voltage After DC Loading)	< 1.0 mV

FEATURES

MR Conditional	No
X-Ray Translucence	No
Integrated Abrader	No
Repositionability	No

PACKAGING

Product Packaging Material	Paper/PE/Foil/PE
Resealable Pouch	No
Product Packaging Size (L x W)	11.5 in x 3.75 in (29.21 cm x 9.525 cm)
Department Packaging Box (L x W x H)	N/A
Transport Packaging Case (L x W x H)	12.5 in x 8 in x 6 in (31.75 cm x 20.32 cm x 15.24 cm)

ENVIRONMENTAL

Halogenated Hydrocarbon Content (e.g. PVC)	None
Phthalate Derivatives Content (e.g. DEHP)	None
RoHS Compliant	Yes
REACH Compliant	Yes

Contact your Hillrom representative or visit hillrom.com to learn more.

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Regulatory Status: CE Mark According to MDD 93/42/EEC
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